

# FOLIO

UNIVERSITY  
OF ALBERTA

EDMONTON

MAY 30, 1997

VOLUME 34 • NUMBER 19

<http://www.ualberta.ca/~publicas/folio.htm>



Photos: Paul Gorham



Dr Natsuko Syr performs the Japanese Tea Ceremony for guests assembled in the Ozawa Pavilion at the Devonian Botanic Garden, Sunday afternoon, May 25, 1997. After the boxed lunch, Dr. Janice Brown, Assistant Professor, East Asian Studies, gave a talk explaining the history and tradition of the Tea Ceremony. This is the first tea ceremony for the D.B.G., however, the event was sold-out and so popular, the Garden plans to hold another.

## WHAT'S INSIDE

- |   |           |
|---|-----------|
| <b>KPIs, the internal story</b>                                       | <b>2</b>  |
| The U of A plans to measure its own success                           |           |
| <b>Finding voice</b>  | <b>3</b>  |
| A young man learns to control a stutter that tried to control him.    |           |
| <b>The back page</b>  | <b>12</b> |
| Heidi Janz writes a powerful play about life, death and disabilities. |           |

## Learned Congress chooses U of A

By Folio staff

The University of Alberta along with the City of Edmonton will host the Congress of the Social Sciences and Humanities (formerly the Learned Societies Conference) in the year 2000.

Marcel Lauzier, executive director of Humanities and Social Sciences Federation of Canada, organizers of the largest event of its kind in North America, says this is the first time since 1975 that the congress will be held in Edmonton.

President Rod Fraser said, "The awarding of this major, prestigious conference to the University of Alberta clearly demonstrates our stature as one of the country's preeminent universities.... I am delighted that we will again partner with the city and Economic Development Edmonton in such an exciting venture, reinforcing our 'smart city' designation and the enormous contributions made by the University to the city's economic well being."

The congress provides an occasion for the coming together of thousands of academics, experts and professionals in more than 100 disciplines in the humanities and social sciences. The event will gather more than 7,000 delegates including an estimated 1,000 international participants.

All 15 member universities of the Federation in Western Canada were invited to enter the bid process in 1994. The short list included: UBC, University of Manitoba and the University of Regina.

Rick LeLachur, president and C.E.O. Economic Development Edmonton, said, "the Congress of the Social Sciences and Humanities will be a huge boost to the local economy. It is estimated that the total economic impact will be nearly \$9 million with more than \$7 million of this total concentrated in the Edmonton area. The conference, one of the largest held in Edmonton, will account for approximately 20,000 to 25,000 room nights over a 12-day period."

## Tentative three-year agreement reached

AAS:UA president recommending faculty accept University offer

By Michael Robb

A tentative three-year agreement has been signed by the University and the Association of Academic Staff. The agreement calls for a salary increase of 3.09 per cent in the first year, 3.06 per cent in the second and 3.62 per cent in the third year.

"This offer is made in recognition that faculty salaries at the University of Alberta, relative to those at comparable Canadian universities, have declined over the past several years and is an attempt to regain some of the ground lost," says Dr. Doug O'ram, Vice-President (Academic).

Since 1985, salary levels for professors at the U of A have dropped from second highest in the country to 16th position among a select group of universities. If approved, the salary settlement is expected to improve that ranking to about 10th position. But, President Rod Fraser told General Faculties Council, May 20, the settlement won't place the U of A salaries anywhere near the head of the pack. And, he pointed out, other universities aren't standing still.

"I'm happy that we arrived at an agreement that was strongly endorsed by

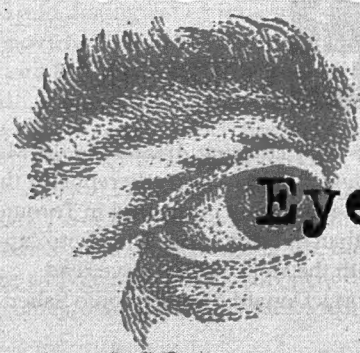
our Council," AAS:UA president Reuben Kaufman said. "It shows our academic staff that their services and contributions to the U of A are valued. I'm recommending the settlement to AAS:UA." The members of the academic staff association will vote on the tentative agreement by mail ballot. The memorandum of agreement will also go before the Board of Governors for its approval. If both parties approve the deal, the agreement will take effect July 1.

In reviewing his key initiatives, President Fraser said during the past year the University has made enormous progress in hiring new faculty. There are still some difficulties on the salary issue, he said, but faculty renewal will continue to be very important to the University over the next four or five years. This will be the most fundamental restaffing since the 1960s, he said.

O'ram said there is no magic formula for recruitment and the tentative agreement is just one part of the process. He said it must go hand in hand with providing a working environment that makes people feel they want to be here, recruiting good students and finding the resources that will get the University beyond the cuts.

Graduate student Peter Cahill suggested that the University should be explaining after-tax figures to potential faculty recruits. Responded O'ram, "When we try to recruit people, we say 'look at your net take-home pay, look at the lack of a sales tax, look at the cheap housing prices.' But people who are coming out as new assistant professors are looking at their pay packages not just as a standard of living issue, but as a kind of reflection of worth issue. To them, making \$42,000 in a higher price market sometimes seems better than making \$40,000 even if the cost of living here would give them the advantage. We have to be competitive with the salary level within a narrow range or we start to lose."

Faculty of Engineering Dean David Lynch said a \$55,000 salary in Ontario would be roughly equivalent to high 40s or low 50s before tax in Alberta. Many short-listed candidates take a long-term view, however, and note that their pensions will be based on the lower salaries. "We do our best to point out all the other attributes in addition to salary, but salary is important," said Lynch. ■



a multi-disciplinary, international  
conference on VISUAL POETRY  
at the University of Alberta

for further information  
Department of Art and Design

12 to 16 June  
1997

## Eye Rhymes Conference and Festival

tel: (403) 492-3261  
fax: (403) 492-7870  
e-mail: [eyerhyme@gpu.srv.ualberta.ca](mailto:eyerhyme@gpu.srv.ualberta.ca)  
home page: <http://www.ualberta.ca/~eyerhyme/>

sponsored by:  
the Faculty of Arts  
the Department of Art and Design  
the Department of English  
the Department of Modern Languages and  
Comparative Studies  
the Bruce Peel Special Collections Library  
the Canadian Institute of Ukrainian Studies





# Two differing views: Reform and the NDP

Candidates on the right and left say they have a good chance to take Edmonton-Strathcona

By Michael Robb

The New Democratic Party and Reform Party candidates for Edmonton-Strathcona agree on at least two things: the Liberal Government broke a lot of the promises it made to Canadians in 1993 and there's a need for a strong opposition party in the House of Commons.

But the NDP's Jean McBean says the Liberals, during the last three and one-half years, ended up implementing Reform Party policy, cutting the transfer funding to the provinces, reneging on its commitment to provide stable funding to the CBC and slashing government programs to lower the deficit.

The government has set targets to lower the deficit, says McBean. So why can't it set job creation targets? Investing in "green" jobs to develop public transit infrastructure, retrofit buildings and build more co-op housing would help to do that, says the Edmonton lawyer who earned two degrees from the U of A and also teaches a course in the Faculty of Law.

That's not the way to create lasting jobs, says Rahim Jaffer, the Reform Party candidate. Get government out of the business of business, focus spending on health and education and put money back in people's

pockets, where that money will create long-term jobs. Slashing the size of government would free up about \$4 billion a year for health-care and education payments to the provinces, says Jaffer, an Edmonton businessman who owns and operates a Whyte Avenue coffee shop.

It's clear both McBean and Jaffer have fundamentally different views of how Canada's problems should be tackled and what kind of a role the federal government should play. McBean believes in an activist role for the federal government. Jaffer believes government is too big and complex. McBean says national institutions such as the CBC have to be maintained, particularly during a time when national unity is fragile. The social safety net is torn, she says, and it needs to be fixed. "We are in danger of losing the concept of national standards."

Jaffer doesn't speak about maintaining national standards. Instead, says Jaffer, the Reform Party would simplify the tax system, get tough on crime, slash government MPs' pensions, stop loans to businesses—such as the one to Bombardier—and cut taxes to individuals.

On two issues that matter to the University of Alberta, research and student loans, both agree there needs to be more funding. McBean says she's concerned about students' rising debt loads. Jaffer says funding for student loans needs to be targeted to the most needy students, to maintain the accessibility of the



Jean McBean, the NDP candidate for Edmonton-Strathcona, a family law lawyer in Edmonton, teaches law at the U of A and is a former member of the University's Senate. She is a chaplain in the Unitarian Church with a long history of involvement with the Women's Legal Education and Action Fund, Amnesty International, Legal Aid Appeals Committee and many parent support groups.



Rahim Jaffer, the Reform candidate for Edmonton-Strathcona, grew up in Edmonton, owns a Whyte Avenue business, and earned a social sciences degree from the University of Ottawa. He served as legislative assistant to Liberal MP Dennis Mills in Ottawa before joining the Reform Party. He is a member of the Old Strathcona Foundation and Business Association.

postsecondary system. On research, McBean says the NDP supports the increase of funding for research capital and research activities. Reform's commitment to streamline government would mean the federal government would be able to spend more money on research, says Jaffer.

McBean and Jaffer also agree the fight for Edmonton-Strathcona is tight. [Last

week, Liberal candidate Ginette Rodger and Progressive Conservative candidate Edo Nyland told *Folio* the race was up for grabs.] One party insider placed the Liberals slightly ahead, with just over 30 per cent of the committed vote. Another said polling data indicated at least three of the four major candidates each had about 25 per cent of the vote. ■

## EDITOR'S NOTE

Our apologies to Jean McBean who was not included as a "U of A" candidate for the federal Edmonton-Strathcona seat in the last issue of *Folio*. We were informed after publication that McBean is a U of A sessional instructor. Since we now find three of four candidates have strong U of A ties, we've included a profile of the fourth, Rahim Jaffer, in the interest of fairness.

## KPIs: the internal story

Vice-President (Academic) tells GFC the Board also wants to measure progress

By Michael Robb

University administration doesn't want members of the Board of Governors picking up a copy of *Maclean's* every fall and using the magazine's annual rankings to pass judgment on University of Alberta performance.

Dr. Doug O'ram told General Faculties Council members, May 20, that there are real problems with the magazine's rankings. The key performance indicators being developed by the provincial government in conjunction with the post-secondary institutions also have some problems.

"We wanted a set of measures that we felt reflected our internal priorities more," he said. "What we looked for were a series of measures we, the senior administration, could be held accountable for. Were we doing what we said we'd do?"

The Board of Governors has been asking what administration wants to be accountable for. It's a legitimate question, O'ram said. "Okay, you, the administration, say you're headed in this direction, you say you have a handle on things, you say you're trying to target the University as

one of the best in the country. How do we as a board, with a limited amount of time and a limited understanding of the system—because we're volunteers for the most part—know where you're going?"

These are the principles O'ram's draft internal performance measures are based on:

- Relevance: Is it relevant to what the University wants to do?
- Symmetry: Where can these measures be lined up with others, such as government KPIs?
- Balance: Do they reflect all parts of the university system?
- Clarity: Are they reasonably understandable?

Based on these principles, O'ram's draft performance measures include ways of measuring student quality, the quality of the learning experience, career outcomes, academic quality and external support. For example, granting council success, number of national teaching awards received and the number of students with a 90 per cent matriculation average would be included.

Art and Design professor Dr. Jorge Frascara sounded a cautionary note: Quantity measures can be deceiving. What really matters is the quality of the books, papers and inventions, he said.

Students' Union Vice President Academic Seamus Murphy noted higher student completion rates would not necessarily indicate quality. ■



## PERU BOUND

Three University of Alberta students, from left to right, Matthew Teghtmeyer, Catherine Dextrase and Vladimir Gomez, are off to Peru to participate in the 1997 World University Service of Canada international seminar. They are among 30 students and three professors from across Canada to participate in the 50-year-old program. The non-profit, non-government organization organizes education and training programs and encourages participatory research into development issues on an international basis. The three students will be doing research projects. Pictured with the students is President Rod Fraser, who was a participant in the program as a student.

## FOLIO

Volume 34 Number 19

OFFICE OF PUBLIC AFFAIRS,  
400 ATHABASCA HALL  
UNIVERSITY OF ALBERTA, EDMONTON,  
ALBERTA T6G 2E8  
TEL: (403) 492-2325 FAX: 492-2997  
E-mail: public.affairs@ualberta.ca

Tony Myers: Director, Office of Public Affairs

All enquiries and correspondence should be directed to:

LEE ELLIOTT: Managing Editor  
MICHAEL ROBB: Assistant Editor

### CONTRIBUTORS:

Lorri Broda  
Andrew Drummond  
Judy Goldsand  
Sandra Halme  
Deborah Johnston  
Kathleen Thurber  
Erin Ward

Graphic Design: Raymond Au

Public Affairs produces *Folio* on a regular basis for employees and volunteers at the University of Alberta.

*Folio's* mandate is to serve as a credible news source for internal audiences by communicating accurate and timely information about issues, programs, people and events.

### DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. Display and classified advertisements: 3 pm one week prior to publication date.

### CLASSIFIED ADVERTISEMENTS:

Ads are charged at \$0.40 per word. Minimum charge: \$3.00. All advertisements must be paid for in full by cash or cheque at the time of their submission. Bookings may be made by fax or mail provided payment is received by mail prior to the deadline date. Pre-paid accounts can be set up for frequent advertisers. Please call 492-2325 for more information.

**Display advertisements:** Camera-ready artwork is required to size, complete with halftones if necessary. Call 465-3307 or 492-0444 for sizes, rates and other particulars.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in *Folio* do not necessarily reflect University policy. *Folio* contents may be printed with acknowledgment.

ISSN 0015-5764 Copyright 1997



University  
of  
Alberta



# Finding voice: ISTAR program turns young life around

By Lee Elliott

**"I have a true voice and I'm not going to let it go to waste and I'm not going to lose it."**

It was enough to make a grown man cry. Senator Joseph Landry of New Brunswick is accustomed to public speaking with much larger and tougher audiences than the handful of people assembled at Corbett Hall May 23 to hear seven short speeches.

But after hearing the presentations, Landry wept through his own speech—a relief for the audience who had a few tears of their own to dry. Landry was overwhelmed after hearing seven men speak calmly and smoothly. These men had only two things in common—life-long stuttering problems that made communicating a nightmare, and the three weeks they had just spent in an intensive program at ISTAR (Institute for Stuttering Treatment and Research).

The "before" video of 20-year-old Maurice Bye of Winnipeg is painful to watch. He is a handsome young man, well dressed. But in the video, his struggle and frustration at trying to make himself understood is only too evident.

Stepping to the microphone for his "graduation" address three weeks after the video, he stammers and struggles through his first words. The audience looks down, afraid to listen. It appears the program hasn't helped. Then Bye says clearly, "This is the way I used to speak," and the tears begin.

"Through elementary school I was teased a lot and bugged about my stuttering," says Bye. "I was young. I took it to heart." He says when he was older, he tried to just shrug it off. "Because I stuttered, my self esteem was extremely low and nobody ever took me seriously."

Nobody but his grandfather Larry Desjardins, that is. Desjardins says Bye's



Maurice Bye of Winnipeg gives his grandmother Mel Desjardins a big hug after delivering the smoothest speech of his life.

mother died of Lou Gehrig's disease before his 18th birthday. That grief and the stuttering combined seemed to make Bye give up. Desjardins says he became a "rebel" and quit school. "He had no confidence in himself." When Desjardins read about the program in a Winnipeg newspaper, he called immediately, then, to his own surprise, persuaded his grandson to try it. Bye had been through another intensive program as a child. He'd tried speech therapy. He had no reason to believe this program would work. His grandmother, Mel, says, "We were so worried if it didn't work out that he'd be so disappointed, he'd be worse than ever."

Bye is anything but disappointed. "I thought it was hopeless," he said in his speech. "But now for the first time, I feel there is hope...My whole life has started to change." Asked afterward what it all

means, he said. "I have a true voice and I'm not going to let it go to waste and I'm not going to lose it." Giving his grandmother a quick smile, he adds, "I'm happier than I've ever been."

Senator Landry understands this joy. His own struggle with stuttering has made him determined to see that programs like ISTAR grow. "It's amazing, he said. "Something that I wish I could have found in my day. I'm one who could not read my lessons, and I went from that to reading speeches in the Senate of Canada." In his speech to the Senate April 24, 1997, Landry called for government assistance for the approximately one per cent of Canadians affected by stuttering. "That means 300,000 people," he said. "It translates into enormous human potential. A little like a gold mine that is just beyond reach."

## ISTAR SHOWS THE WORLD HOW IT'S DONE

Boris, a young PhD student from France who recently graduated from the ISTAR program, tells of phoning the information desk at his university. "I was told my knowledge of the French language had to be assessed first," he said. When he went to the university office and asked to get his I.D. card, the woman asked, "Do you know your name?"

Experiences like these build fears that can debilitate the lives of stutterers as much as their difficulty communicating, says Deborah Kully, executive director of ISTAR. She had one client who actually stopped breathing when he was near a phone. He'd risked his life once, walking 25 kilometres on a winter night when his car stalled—rather than call for help on a phone.

Stutters can develop elaborate avoidance strategies to try to keep their problems hidden, says Kully. One young man habitually missed the first day of class at university so he wouldn't have to introduce himself. Another always planned to be late for meetings so he'd miss the introductions.

The ISTAR approach tackles both the speech difficulties and the avoidance strategies, says Kully. And the success of the combined approach has attracted students worldwide. Of the seven students in a recent graduating class, one came from France, another from Estonia with an interpreter, and a third had moved to Edmonton only a short time ago from Nepal.

Intense work that must be kept up for a lifetime is the key to the program, she says. "It can be deceptive because the improvement is so dramatic. It looks very miraculous...but it is definitely not miraculous. It's achieved after a lot of hard work and it has to be maintained." Students in the program have to practice up to 20 minutes daily to maintain their smooth speech and sometimes return to ISTAR for refresher courses.

Approximately 15 U of A graduate students in the Faculty of Rehabilitation Medicine complete training in the ISTAR program each year. ISTAR is a non-profit society located on campus and supported by the Elks and Royal Purple of Canada. ISTAR treats over 100 patients a year. For more information, call 492-2619.

## Ukrainian visitors learn Canadian-style PR

By Judy Goldsand

If you've never heard of the National University of Kyiv-Mohyla Academy (NKMA) in Kyiv, Ukraine, you will soon.

Larissa Syvolozska and Natalia Popovich came to Edmonton as guests of the Grant MacEwan Community College's Ukrainian Resource and Development Centre to learn all they could about public relations in Canada. And after meeting with countless U of A personnel and public affairs professionals across the city, they're ready to put NKMA on the map.

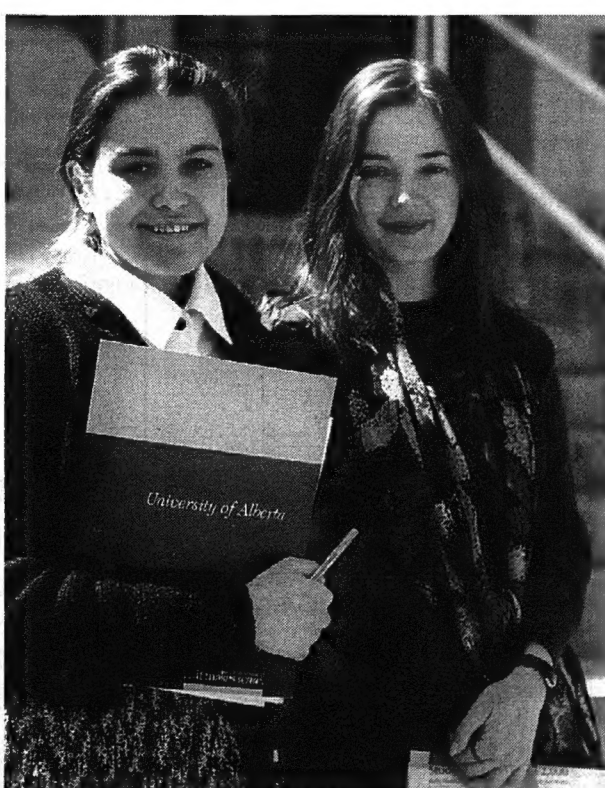
Syvolozska is manager of public relations and Popovich is a public relations officer at the National University of Kyiv-Mohyla Academy (NKMA). Public relations is a new concept in Ukraine, especially in universities, says Syvolozska, and NKMA is the first university in Ukraine to have a public relations department. Their department has responsibility for all of the University's publications, special events, outreach to alumni, student recruitment and orientation, convocation and fundraising.

The Kyiv-Mohyla Academy is a very old and distinguished university, says Popovich. It was founded in 1615, but was closed by the Russian Government in 1918. It reopened in 1991 with a student enrolment of 150, which has since grown to 1,076. It is a bilingual university, with the study of English mandatory for two years. Professors from other countries often come and teach in English, they say. The University has the equivalent of six faculties: arts and social studies, computer

technologies, economics, law, natural sciences, and social work, plus 16 scientific centres and laboratories.

The staff at Kyiv-Mohyla Academy take great pride in working to develop a liberal, forward-looking institution, Popovich explains. Other postsecondary institutions in Ukraine are much more traditional, so Kyiv-Mohyla is still considered an experiment. To cope with the heavy student demand, Kyiv-Mohyla has instituted flexible admission requirements with entry exams for all subjects held the second Sunday in July—earlier than at Ukraine's other universities. This allows students, who are not accepted, sufficient time to apply elsewhere.

During their month-long visit, they have had at least 10 meetings at the University of Alberta, gathering ideas from Public Affairs, Development, Alumni, Graphic Design, the Registrar's Office, the International Centre, the Canadian Institute for Ukrainian Studies and Career and Placement Services. Other learning opportunities have been arranged at GMCC and with a public relations firm, "Bottom Line



Natalia Popovich and Larissa Syvolozska

Productions."

When they return to Kyiv June 5, their immediate responsibility will be the organization of UKMA's second convocation ceremony on June 28. Convocation is held on the same date every year, to coincide with the anniversary of Ukraine's new constitution, inaugurated on June 28, 1996. ■

## New Furniture for Everyone

**Housing and Food Service shares**

By Erin Ward

Recently the Department of Housing and Food Services began a five-year project to replace the student residence furniture in Lister Hall. In preparation for the furniture replacement, one hundred rooms were emptied of their dressers, beds and desks. Rather than disposing of the furniture, HFS has tried to find alternative uses for the used pieces.

The Family Violence Prevention Centre received one hundred dressers, fifty bed frames, fifty mattresses, and sixty-five desks. These items will be given to families fleeing violent home situations and setting up new homes in the community.

Some of the furniture has remained on campus; Faculté Saint-Jean Residence received fifteen dressers and ten desks, and the Michener Park Furniture Bank received fifteen dressers and ten desks. The remaining furniture was taken to the Enoch Band wood-chipping plant to be recycled into press board.

Not one item was dumped in a landfill. In future summers HFS has made a commitment to contact the Family Violence Prevention Centre as the department replaces furniture in the remaining student rooms in Lister. ■



# Kasparov vs. Deep Blue—the Rematch

Rob Lake, U of A Webmaster, reports on his trip to New York to witness the most critical match between man and machine this century

By Rob Lake

The Brain's Last Stand. This was the title of a recent edition of Newsweek magazine about the Kasparov—Deep Blue chess match. With the machine's recent victory, are we close to seeing a computer display the intelligence shown by HAL from 2001? I don't think so, but we should be impressed with Deep Blue.

For eight years, the IBM team (which includes a U of A alumnus Murray Campbell) prepared for this match against Kasparov. Two previous encounters, in 1989 and 1996, resulted in Kasparov victories. This time the Deep Blue team developed hardware capable of analysing 200 million positions a second, improved the program's position evaluation function and gave the program additional chess knowledge. Everybody knew the program was stronger—but the ultimate test lay ahead with Kasparov.

The 1997 match, played for a prize of \$1.1 million, was held at the Equitable Center in New York City from May 3 to 11. All six games were played on the 35th floor in a room off-limits to the audience and most of the press. Spectators could watch the games on closed-circuit television in a 400-seat auditorium located in the basement. Although IBM initially provided a press centre on the 49th floor, this was relocated one floor above as media interest swelled.

Game commentary and analysis was provided by International Masters Maurice Ashley and Mike Valvo, and by

Grandmaster Yasser Sierawan. Their analysis, anecdotes, and occasional special guests kept the games highly entertaining, especially for chess novices.

Game 1 was won by Kasparov. He played solid positional chess and capitalized on several time-wasting moves by Deep Blue. Many spectators and experts began talking about a Kasparov rout. My own prediction prior to the match was 4-2 for Kasparov.

Game 2 was probably the most spectacular chess game ever played by a computer.

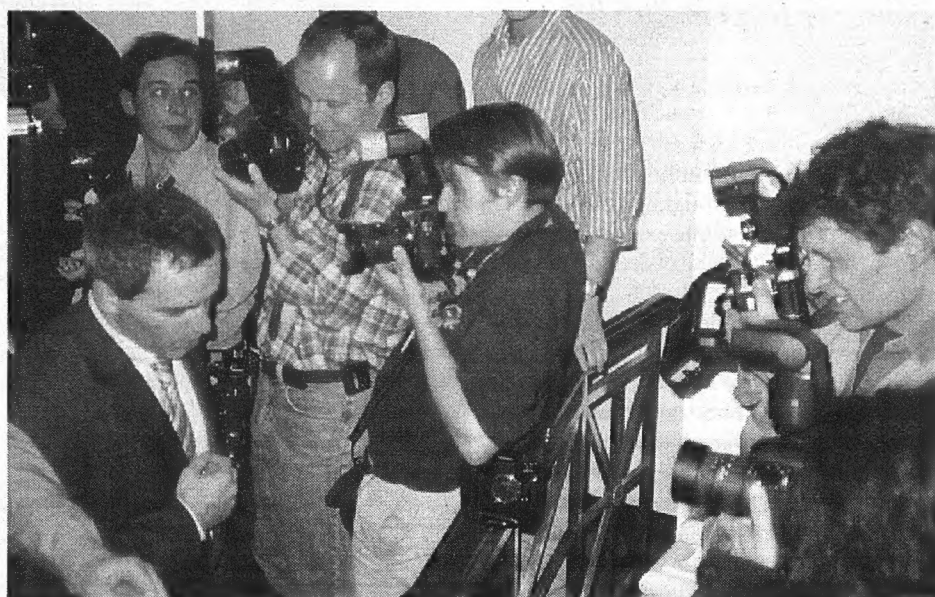
It was also the most controversial. Kasparov played passively and Deep Blue never gave him a chance for counter play. Kasparov finally resigned when the position looked hopeless, rather than play it to conclusion. Much to Kasparov's chagrin, subsequent analysis showed the game to be a draw.

This appeared to badly shake Kasparov's confidence for the remainder of the match. More importantly, Deep Blue had just played a near flawless game of chess.

Games 3, 4, and 5 were draws. In each game Kasparov had a strategic advantage and, in at least one game, missed a win. However, Deep Blue continued to find clever drawing resources, often to the amazement of everyone present.

Infamous game 6 ended after 75 minutes of play with Kasparov's resignation on move 19.

In reality the game was over in 15 min-



Defeated chess champion Garry Kasparov makes his way through the crush of media.

utes and on move 7 when Kasparov accidentally transposed moves and fell into an opening trap. Everyone was stunned with this result.

In retrospect, I believe Kasparov lost the match for several reasons. First, Game 2 bothered him and shook his confidence. He appeared increasingly nervous and demoralized as the week progressed. Second, he played too passively. In order to avoid complicated tactical positions against Deep Blue, he played very conservative and passive openings to get Deep Blue out of standard published play. I believe he should have played the openings he was most familiar with, and tried to win the middle and end game. Third, he underestimated the improvements made

to Deep Blue. After Game 2, he discovered he knew very little about the opponent he was facing due to all the changes made in the past year by the Deep Blue team.

Was this the brain's last stand?

No, it was a triumph in man's ingenuity to create a program to play chess at a level capable of defeating the strongest chess player ever. To be fair, most of the winning chances were with Kasparov and Deep Blue is far from mastering chess. And there are many intellectual areas where computers are far behind what we take for granted. I doubt I will see a HAL-like computer in my lifetime.

As David Letterman says, humans still have the ultimate trump card. We can pull the plug. ■



## CAMPUS COMPUTING SYMPOSIUM 1997

June 23-27 1997, Tory Lecture Theatres, University of Alberta

Bringing together the *Western Canada Oracle Users Conference*, the *Focus on Industry Conference*, and the *Campus Computing Conference*.

Full Symposium details and on-line registration are available at:

<http://www.ualberta.ca/SYMPOSIUM/>

(Phone: 492-9370)

## Paul Lorieau's University Optical



"We value your eyes, and we'll prove it by offering the very best in optical care at everyday low prices."

433-5500

Conveniently located in College Plaza  
8217 - 112 Street, Edmonton, AB T6G 2C8

## Own Instead Of Rent For As Little As \$469/Month

Renaissance Place  
Luxurious Affordable Condos

Close to U of A, Easy access to Running, Hiking and Biking Trails, Indoor Pool, Exercise Facilities, Saunas, convenient to LRT and Bus

All this with a  
**DOWNPAYMENT AS LOW AS \$2500**

Great Investment  
Call Jerry Raczkowski at 466-4663 TODAY  
When They Are Gone, They Are Gone

HomeLife/Allan Realty Ltd.

1-888-85COACH



ARTranslation Inc.  
Translation & Editing Services

**Annie Robberecht**  
Certified Translator (ATIA, STQ)

Tel. 438-6105 Fax 436-9027  
Full Editing Services Available in French

## CONGRATULATIONS!!!

**HEIDI O'BRIEN**  
**MEDICAL MICRO AND IMMUNOLOGY**

**WINNER OF 6 MONTHS FREE PARKING**

**For returning her parking renewal envelope**

Parking Services  
University of Alberta

## BRING ON THE SUNSHINE !

### BASIC SYSTEM

16 MB RAM, 2.0+ GB Hard Drive, 15" NI 28 SVGA Monitor, PCI Video, 12X CD-ROM, 16 Bit Sound card, Keyboard, & mouse

P 166 Cyrix \$ 1249  
P 200 \$ 1499  
P 166 MMX \$ 1499  
P 200 MMX \$ 1849  
16X CDROM \$125  
24X CDROM \$199  
12X SCSI CDROM \$175

### POWER SYSTEM

32 MB RAM, 3.0 GB Hard Drive, 17" NI 28 SVGA Monitor, 2MB 3D PCI Video, 12XCD-ROM, 16 Bit Sound card Case, 33.6 Fax/Modem, Keyboard, & Mouse

P 166 Cyrix \$ 1799  
P 200 \$ 1999  
P 166 MMX \$ 1999  
P 200 MMX \$ 2349  
CDROM Duplication/Backup \$ 39

### PRO 200 SPECIAL

Tower case, Motherboard, 512K Cache, 3.5 Floppy, 32MB RAM, 3.0 Gig HD, 12X CDROM, Keyboard, 14" SVGA 28 Monitor & 1MB PCI Video

Pro 180 \$ 1899  
Pro 200 \$ 1999  
33.6 Fax/Modem \$ 89  
AWE 64 \$ 175

**CENTAURI COMPUTERS**

Open Mon to Wed 9-6 Thurs 10-6 Fri 9-6 Sat 10-4  
Delivering Tomorrow's Technology Today  
10429 - 79 Ave West of Calgary Trail South T6E 1R7

PH# 436-5550  
Fax# 436-0363



# Good Walls Make Good Neighbours

## The University of Alberta's Membrane Group

Kathleen Thurber

In earlier times, plague, small pox and other diseases ravaged populations with a deadly efficiency that could only be explained as the devil's handiwork. Marginalized individuals and groups were punished as scapegoats. Disease, unappeased, raged on.

Today, we understand the mechanisms of contagion as physical, not metaphysical, yet the fundamental actions of disease beg questions. How do viruses or bacteria or diseased cells affect the normal cells in our bodies? How do they do their damage? The only way these questions will ever be fully understood, allowing new therapies and treatments to be devised, is through sustained basic medical research such as that of The University of Alberta's Membrane Group.

DR. MAREK MICHALAK

## Basic Communication

Heritage researcher **Dr. Marek Michalak** is interested in how cell membrane proteins function, particularly those in the membrane of the cellular structure known as the endoplasmic reticulum.

He has focused intensively on one protein, calreticulin, which is present in every organism. In fact, calreticulin is 60 per cent identical in plant and human cells. The sheer prevalence of this protein led Michalak to surmise that it had many functions. His research confirmed this. He says, "When I give talks about calreticulin, I have a slide which describes everything this protein does. Its functions are so varied that it takes half an hour to read the slide to get an idea of what is going on."

One function of calreticulin could have profound implications in treating a condition called restenosis, a form of blood vessel injury that occurs when people un-

### the membrane's connected to the...everything

Our cell's outer membranes hold a complex community of structures and compartments, packaged by semi-permeable membranes separating them from each other and from the outside of the cell. This allows cells to carry on several functions at the same time.

Cells are studded with proteins acting like sensors that pick up signals from the outside, talk to other cell structures, and trigger responses to help the cell maintain its unique equilibrium. Some responses triggered by these proteins could have implications in diseases such as Alzheimer's, cystic fibrosis, cancer, muscular dystrophy, and arteriosclerosis.

dergo balloon angioplasty. Although inflating a balloon in clogged vessels opens them, the resulting damage to the vessel walls can cause future clotting problems. Michalak recalls a chance meeting with a cardiologist. From their conversation, a research project was devised that involved administering calreticulin during balloon angioplasty. The result was astounding: restenosis did not occur at the angioplasty site. Somehow calreticulin stops blood cells from stimulating vessel wall growth, the first step in restenosis. Michalak and his colleague have applied for a patent to use calreticulin to prevent restenosis.

Michalak's work with other membrane-associated proteins include dystrophin, the protein that when missing, causes muscular dystrophy. This research may contribute to new therapies for the devastating muscle disorder.

DR. LARRY FLIEGEL

## Balancing the Beat

Our hearts can only keep beating when cell pH (the balance between acid and alkaline) is kept within a narrow range. Acid produced as waste from cell metabolism is gathered and exchanged outside the cell for sodium by a cell membrane protein—the sodium-hydrogen exchanger. Heritage researcher **Dr. Larry Fliegel** studies the sodium-hydrogen exchanger protein, particularly its actions in heart cells.

Fliegel has found that heart cells kept alive in Petri dishes adapt to extra acid by producing more of the sodium-hydrogen exchanger protein. In the body, though, this kind of adaptation can harm the heart. Ischemia, for example, is a heart disease where arteries narrow, hampering blood flow and causing blood seepage back into

the heart. Ischemia causes excess acid production, triggering a vicious cycle in which the increased sodium brought in by the sodium-hydrogen exchanger brings in an excess of calcium to the heart cells. This can result in arrhythmias and heart cell death. Fliegel's work centres on how to control the activity of the sodium-hydrogen exchanger protein to prevent the detrimental effects.

"There is actually a lot of work being done on developing inhibitors of the sodium-hydrogen exchanger protein," says Fliegel. "The hope is that someday there'll be drugs derived from these inhibitors to treat heart diseases."

Fliegel's work could have potential implications in heart disease and conditions involving cell growth such as cancer metastasis.

Sharing knowledge and training future membrane scientists has led to considerable achievements in membrane research at the U of A. Dr. Michalak tells of how, eight years ago, site visit representatives from the Medical Research Council of Canada met with the scientists at length to discuss a group application for major funding. Then the reps asked the scientists to leave the room and send in

their students, post-doctoral fellows, and technicians. The reps emerged from the second meeting thoroughly impressed by the lab personnel's level and depth of knowledge about the group and its application. The funding was awarded to the U of A team, and they've been dubbed "The Membrane Group" ever since. The Group was the highest ranked MRC program in the country.

## ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH



Dr. Larry Fliegel, Dr. Marek Michalak and Dr. Joe Casey

DR. JOE CASEY

## Cell Basic

**Dr. Joe Casey** studies anion exchanger proteins which, like the sodium-hydrogen exchanger, help keep the cell's pH level at a certain point. But unlike the sodium-hydrogen exchanger, anion exchangers work to make cells more acidic, moving out substances that would make the cell too alkaline.

Casey explains, "It's really important to maintain the cell's pH and volume, because events can happen to change both. For example, during a heart attack, cells can acidify and cause a whole chain of events that would kill off heart cells. I'm trying to determine whether anion exchangers play a role in this chain of events, particularly since they are found in heart cells."

Casey sees membrane proteins as the very tools of life and death. "The membrane interface is so important because we have to control what goes into and out of cells. If we can't control what goes on, keeping the inside and outside of cells different, we are dead."

*Dr. Marek Michalak is a Heritage Senior Scholar and a professor in the Faculty of Medicine and Oral Health Sciences. He was recently awarded a Senior Scientist Award from the Medical Research Council.*

*Dr. Larry Fliegel is a Heritage Senior Scholar and associate professor of Pediatrics in the Faculty of Medicine and Oral Health Sciences.*

*Dr. Joe Casey is a Heritage Scholar and an assistant professor of Physiology at the Faculty of Medicine and Oral Health Sciences.*

relevant Internet site:

Introduction to Cell Biology

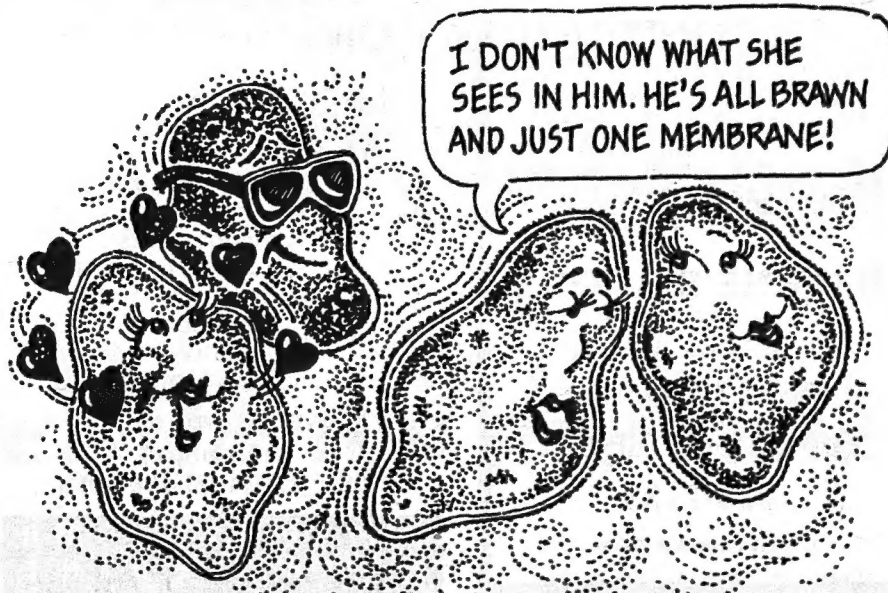
[http://lenti.med.umn.edu/~med/cell\\_www/cell\\_intro.htm/](http://lenti.med.umn.edu/~med/cell_www/cell_intro.htm/)

U of A's Membrane Group:

<http://www.biochem.ualberta.ca/biochem/dept/groups/mbmp/mbmphone.html>

### OTHER MEMBERS OF THE MEMBRANE GROUP

Some of the latest treatments for cancer and AIDS involve use of molecules called nucleosides which must cross diseased cell membranes and trick the cell into self-destruction. **Dr. Carol Cass** investigates the cell membrane proteins responsible for nucleoside transport. One of the biggest issues in health care is how to battle growing resistance to antibiotics. **Dr. Joel Weiner** is looking at bacterial cell membranes, trying to find out why they are resistant, not only to antibiotics, but to dangerous chemicals and heavy metals. Cells derive most of their energy from proteins produced by a cell structure called the mitochondria. **Dr. Bernard Lemire** studies the way these mitochondrial proteins assemble and work under normal and pathological conditions.



Warren Clark



# Crack! Creaaak! Crash! Campus elms felled by snow storm

*Elms and Manitoba maples were particularly vulnerable, says grounds manager*

By Folio staff



Students and staff picked their way through a tangled mess of downed tree branches last Wednesday.

Some of the most beautiful trees on campus are now missing some pretty substantial branches after last week's freak snow storm.

"We're still cleaning up the mess," says grounds manager Wayne McCutcheon. "I've set aside \$50,000 to just do the cleanup."

The elms and Manitoba maples were particularly vulnerable to the heavy snow fall that left the city and the campus a mass of tangled branches and tree trunks. Some of the ash and apple trees, with horizontal canopies, also suffered some damage. Trees on Saskatchewan Drive were particularly hard hit, McCutcheon pointed out, with the elms closer to the Humanities Building losing the most branches. And in Garneau, on 90th Avenue between 110 Street and 111 Street, downed trees rendered the street impassable.

The storm has created some future safety issues. For example, a Siberian elm adjacent to the Students' Union Building may have to come down because of the damage it sustained. McCutcheon says they'll be keeping an eye on several trees that may have to come down. Meantime, he estimates that about 50 to 60 trees on campus were damaged.

The city has advised the University to dispose of the elm in the dump as soon as possible. According to McCutcheon, the exposed areas send off a scent that attracts insects. City officials are worried that those exposed areas could attract insects that carry the Dutch Elm disease virus.

Fortunately, says McCutcheon, no one was hurt and he hasn't heard of any damage to cars or buildings on campus.

## Devonian Gardens recover

The Devonian Gardens closed its doors for the first time in years after last Wednesday's snowstorm.

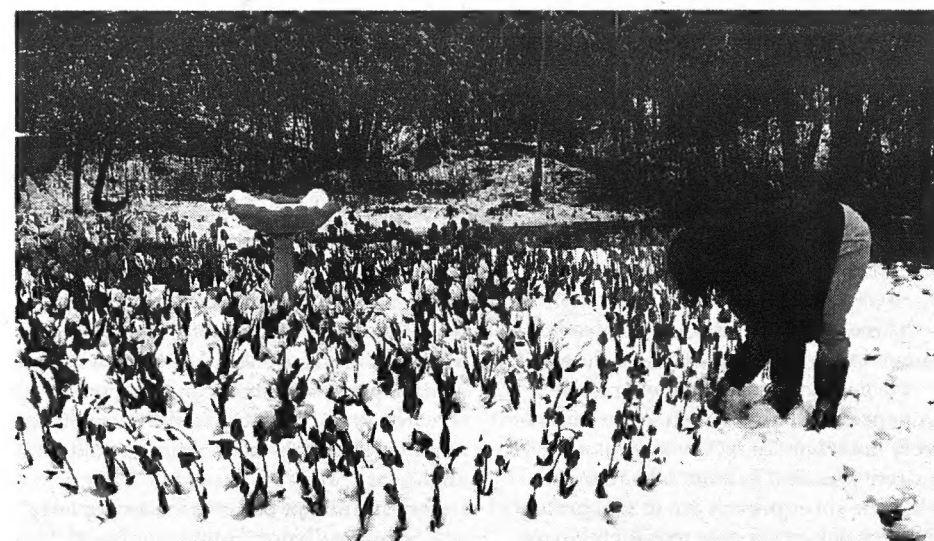
"We tend to have a lot of children in the garden this time of year," says Maureen Bedford, administration manager of the gardens. However, office staff has had to scramble to reschedule "because we are concerned about branches breaking."

"There are a lot of broken trees," says Bedford. But, "It could be worse." By mid-morning Bedford says the snow was starting to melt off. "If the trees have to carry this weight for any length of time, that's when it gets dangerous," she says.

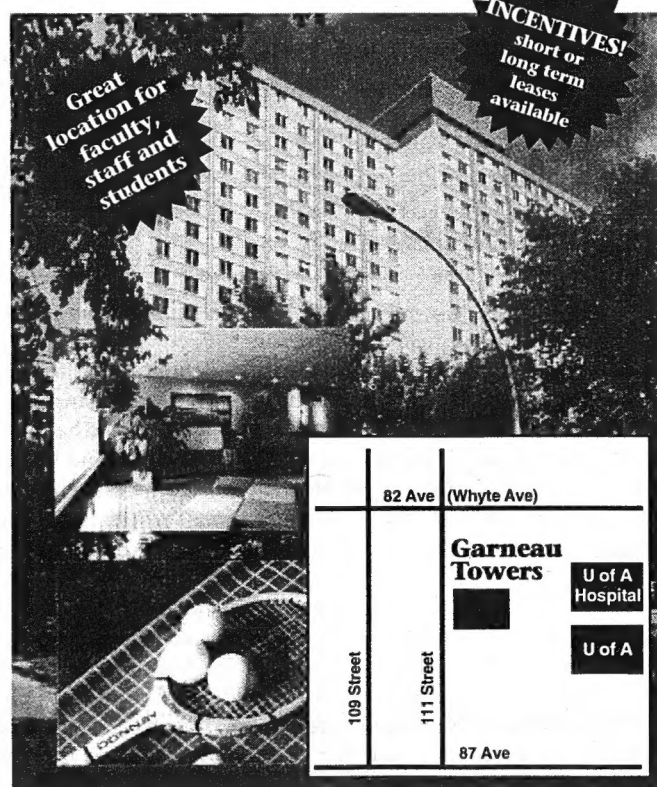
While gardeners normally put the bedding plants in after the long weekend,

"Fortunately, because it was so rainy yesterday, they didn't get at it," she says. Staff did put up a tent, though, that collapsed under the weight.

"One of the areas we are concerned about is the Kurimoto Japanese garden because those trees are absolutely placed and pruned...If a tree is lost there it's almost impossible to replace it," says Bedford. "It takes year to rejuvenate it in the context of the garden." However, the Japanese have a wonderful attitude toward nature, she says. "As cultivated and manicured as the garden is, there's the impact of nature which they respect....It's the challenge for the gardener to sort of reconcile it."



## GARNEAU TOWERS



**8510 -111 Street**  
**Call 432-1894/Fax 439-7718**



**When it just feels like home**

- 1 Block to U of A & University Hospital
- Bachelor, 1 & 2 Bedroom
- Above ground covered parkade
- Adult building
- Tennis court, jogging track & sauna
- Patio areas equipped with gas BBQs
- Hardwood floors
- Laundry room

**GARNEAU TOWERS...the student's choice!**

### Rare Books

-- Bought and Sold --

History, Literature  
esp. 19<sup>th</sup> and 18<sup>th</sup> Century,  
Intriguing 20<sup>th</sup> Century  
Second-hand books:  
Canadiana, Art, Philosophy  
Modern First Editions

### BJARNE'S BOOKS

(Prop. Bjarne Tokerud)

**10533 82 Avenue**  
**Edmonton, T6E 1Z2**

**439-7133**

(Open 7 days a Week)

### BACK BASICS Massage Therapy



Pain relief  
through  
European  
methods, heat  
massage,  
chirogymnastics  
and interferential  
electricity. Try the  
independent  
alternative to your  
Physiotherapist

**11610-75 Avenue**  
**Edmonton, AB**  
**(403) 436-8059**

**TOTAL CARE FOR  
BACK & SPINE**



SPRING

Convocation 1997

QVÆCVMOVE VERA  
*Whatsoever things are true*  
...it makes

UNIVERSITY OF ALBERTA



# The best road to the future is the one you pave yourself

*The future of work does contain challenges, but grads have what it takes to meet them*  
by Lee Elliott

Members of this year's graduating class are not just entering a critical juncture in their own lives, but entering the workforce at a critical juncture in the life of our nation's workforce, according to Dr. Graham Lowe, U of A sociology professor.

Concerns about the future of work are pervasive and erode consumer confidence, he says. However, "while labour market and economic changes have been wrenching, they are not as bad as suggested by public opinion polls."

The greatest change, says Lowe, is the increase in individual risk as the "anchors" that helped postwar Canadians disappear. Parts of the 'social safety net,' such as unemployment insurance and stable employment relations "are being radically altered as governments cut program funding and reinvent their role, and as employers turn workplaces upside down in search of a competitive edge," says Lowe.

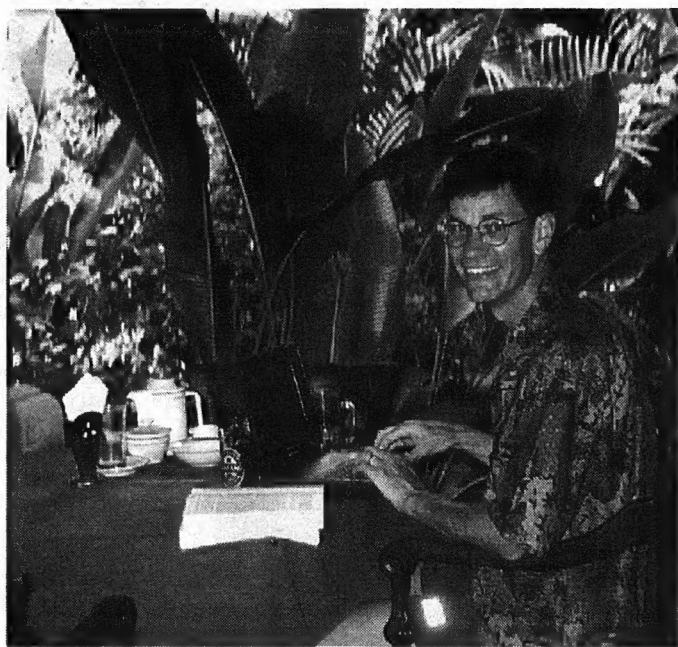
But current grads are well prepared to adjust to a rapidly changing workplace,

he says. Lowe chaired a recent Dean's Advisory Task Force for the Faculty of Arts on student employability and says the findings are encouraging. "Really, what the task force report is saying," says Lowe, "is that graduates with a broad liberal arts education are really ideally suited to a rapidly changing economy that requires continual adaptation and learning."

"We need to help students take what they're learning in their programs and transfer that to their résumés," he says. Among the skills students may not realize they've acquired are the very skills employers value most: "management skills, communication skills and critical thinking skills." In addition, says Lowe, degree graduates "are intellectually very flexible."

While the task force examined only liberal arts grads, "The intellectual competence and work-related skills are imbedded in arts and many other programs."

However, current grads should do more



Dr. Graham Lowe models the future we'd all like to have – telecommuting from a tropical island. The future may not be quite this bright, he says, but it can be good.

than adapt to the workforce as it changes, says Lowe. They have an important role to play in shaping the future of work. All Canadians need to be involved in "a wide-ranging discussion about how, collectively, we can create a working future consistent with our national values," he says. We need to create strategies to meet three challenges: "achieving sustainable economic growth; distributing opportunities, jobs, incomes, and security; and ensuring social cohesion."

Don't put too much stock in the popular futurist literature, says Lowe. "Futurists

predicted in the 1960s that we were headed into a world of mass leisure." It didn't happen and probably won't. The secret to a great future, it seems, is to become active in shaping it yourself. ♦

Dr. Graham Lowe is co-author with Harvey J. Krahn of *Work Industry and Canadian Society*, Nelson Canada, 1988. He also co-authored *The Future of Work in Canada—A Synthesis Report*, Canadian Policy Research Networks Inc. with Gordon Betcherman. ♦

## Success by degrees

By Andrew Dummond (MA, history 1996)

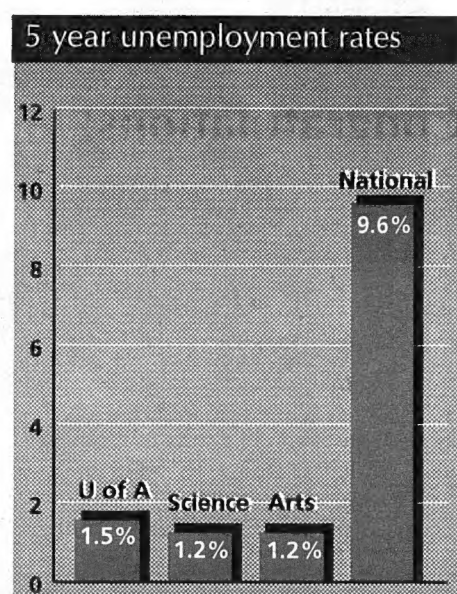
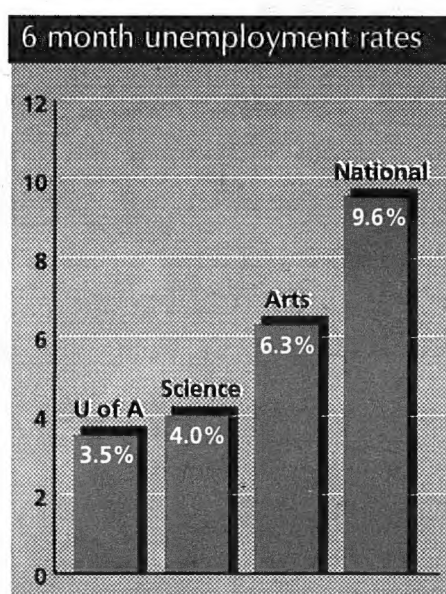
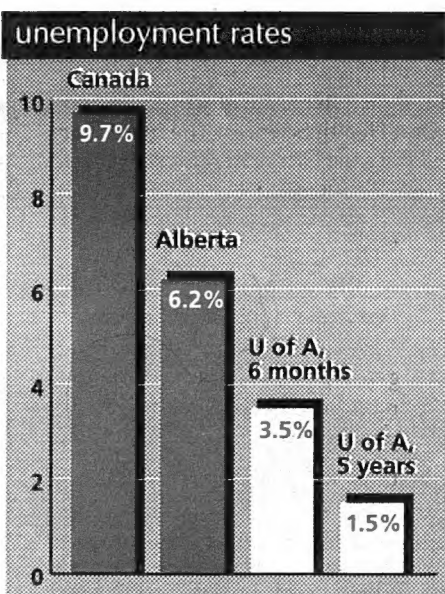
The time, effort and money invested in the diplomas received today, will pay great dividends, according to a recent University of Alberta Senate Task Force report.

The report, *Success by Degrees: Preparing our Graduates for Alberta's Second Century*, released May 28, found that a university education is, and will continue to be, the single most important determinant for success in the employment market. University graduates have greater job satisfaction, higher wages, and lower unemployment rates by far than those without degrees. According to recent studies, the unemployment rate for University of Alberta graduates is only 1.5 per cent five years after graduation.

The report was undertaken in response to the growing awareness that the workplace is changing rapidly and that the University must re-examine its role in preparing students for the work world. Brian Heidecker, task force chair, said the findings were beyond his expectations. "With this task force, we were trying to do some myth-busting about the true value of a university education, but we had no idea how absolutely vital it is, in economic terms, to have a degree."

Evidence cited in the report suggests that graduates of the arts and science faculties have very low unemployment rates, a statistic that runs counter to the perception that graduates of these faculties have difficulty penetrating the workforce. Graduates of these two faculties had an unemployment rate of just 1.2 per cent after five years.

Heidecker says this is one of the most surprising findings in the report: "We

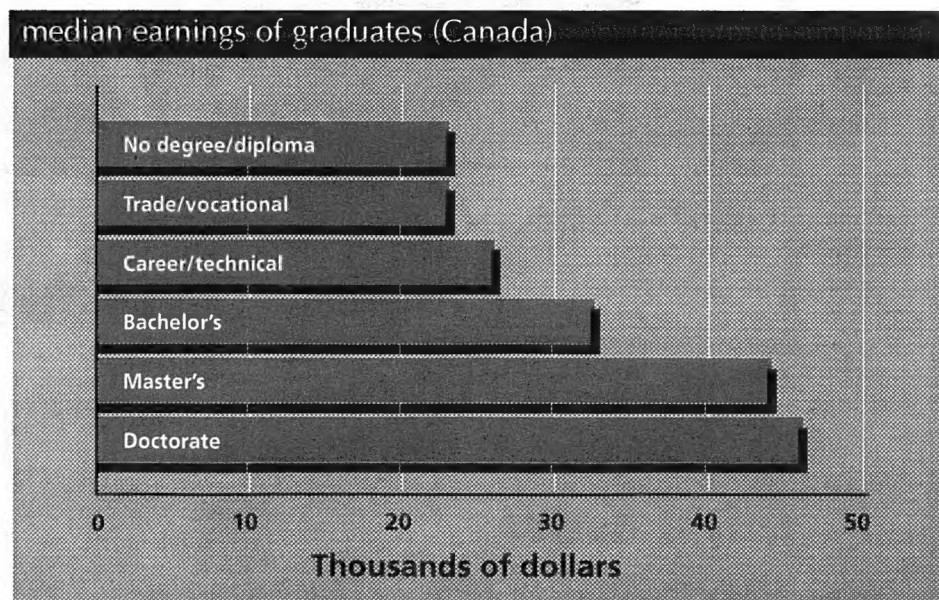


always hear about the unemployed arts graduate, or the amazing chemistry student who's driving a cab. But that just is not a common occurrence at all. Our graduates – from all the faculties – are doing very well."

The task force interviewed representatives from industries, who agreed that the university graduates are their most valuable employees, and that the development of a strong knowledge base is essential for the continuing economic development of Alberta and Canada. The main focus of employability skills development, according to those interviewed, should be on adaptability, critical thinking, clear communications skills, teamwork skills, and the development of entrepreneurial skills.

The Senate task force made four recommendations to improve graduate employability,

*University graduates have greater job satisfaction, higher wages, and lower unemployment rates by far than those without degrees.*



including the integration of eleven specific skill sets into a student's education. It also recommended further development of internship and cooperative education programmes, the implementation of a first-year course to make sure students

are aware of the career options available to them, and that the University increase awareness of the value of a University of Alberta education in the broader community. ♦



## Awards TOP AWARDS BY FACULTY

### Agriculture, Forestry and Home Economics

*The Alberta Institute of  
Agrologists Medal*

Recipient: Alison Eagle

### Arts

*The Dr John MacDonald  
Gold Medal in Arts*

Recipient: Marianne Malo

### Business

*The Dr Hu Harries Medal in Business*  
Recipient: Till-Arne Hahn

### Education

*The Milton Ezra Lazerte Gold Medal*  
Recipient: Darla Heidebrecht

### Engineering

*The Henry Birks and Sons Limited Medal*  
Recipient: Elizabeth Allegretto

### Law

*The Horace Harvey Medal in Law*  
Recipient: Nathan Whitting

### Medicine and Oral Health Sciences

*The Moshier Memorial Gold Medal*  
Recipient: Helen Steed

### Medical Laboratory Science

*The HB Collier Memorial Gold Medal*  
Recipient: Garnet Horne

### Oral Health Sciences

*The Alberta Dental Association Gold  
Medal*

Recipient: Shaun Woo

### Nursing

*The McClure Medal in Nursing*  
Recipient: Susan Scott

### Pharmacy & Pharmaceutical Sciences

*The Alberta Pharmaceutical  
Association Gold Medal*

Recipient: Kar Yun Ng

### Physical Education and Recreation

*The University of Alberta Alumni Medal  
in Physical Education and Recreation*

Recipient: Elaine Bajema

### Rehabilitation Medicine

*The Dean's Medal In  
Rehabilitation Medicine*

Recipient: Lisa Fleming

### Faculte Saint-Jean

*La Medaille D'or Des Peres Oblats*

Recipient: Andrea Magill

### Science

*The Lieutenant-Governor's Gold Medal*  
Recipient: Howard Cheng



Michael Robb

Elizabeth Allegretto

## Allegretto and Steed earn top awards

**First time ever the Rt. Honourable C.D. Howe Memorial Fellowship will be awarded to a U of A student**

By Michael Robb

This year's recipients of the Governor General's Silver Medals are Elizabeth Allegretto, Faculty of Engineering, and Helen Weber Steed, Faculty of Medicine and Oral Health Sciences. The medals are awarded to the two undergraduate students who achieve the highest academic standing in their bachelor degree program.

Both have bright futures ahead of them. Weber Steed plans to do a residency in obstetrics and gynaecology and Allegretto plans to pursue graduate studies in bio-medical engineering at John Hopkins University.

Allegretto is also the recipient of a new award this year, the Rt. Honourable C.D. Howe Memorial Fellowship, awarded to the convoking student who attains the highest overall academic standing throughout their academic program at the University of Alberta. The \$12,000 award is made possible through an endowment provided by the C.D. Howe

Memorial Foundation. Students completing a degree in the professional programs of Law, Medicine and Dentistry are not eligible for this award. The Foundation recently established an endowment to fund the new award.

Mary Dodge, the daughter of C.D. Howe, will attend convocation to present a certificate to Allegretto at the Engineering convocation ceremony, June 10. The fellowship was established to honor C.D. Howe, who made his fortune building grain elevators and went on to become a powerful Liberal cabinet minister through the 1940s to 1956.

Allegretto has also been selected for the most prestigious medal in the Faculty of Engineering, the Henry Birks and Sons Medal, and will receive the APEGGA medal in Electrical Engineering, which is awarded to the student with the highest academic standing in Electrical Engineering on the basis of the third and fourth year combined. ♦

## Congratulations! And welcome to the "real" world.

**1984 grad writes from Los Angeles where she's completing work on the CD-ROM version of the soon-to-be-released Disney movie, Hercules.**

By Lorri Broda

I graduated in 1984 with a B.A. in psychology, then continued to work at the department's Baby Lab. I had always been interested in film, so I sold everything I owned, got some student loans and headed for film school. (To my family's delight I chose San Diego... and my new home became a time share).

I chose a hands-on program which allowed me access to the resources necessary to make my own film and, more importantly, the introductions and connections necessary to break into the entertainment industry.

After graduate school I moved to Los Angeles and worked on feature films, TV and radio, as a production assistant, celebrity assistant, associate producer, writer, researcher, talent booker, script reader... etc. The skills I learned in those jobs, as well as my undergraduate education, allowed me to get my present job - producing CD-ROMs for the Walt Disney Company.

I did not set out to make CD-ROMS upon graduating in 1984 because, well... they didn't exist. But, here I am. I've learned the obvious: life does not always turn out the way you plan and sometimes it's best to just play along and see what happens next.

Other things I've figured out...

1. Working as an intern, volunteer, or temp. are great ways to find out if the career you are interested in is right for you.

2. The most ridiculous thing you learned in the class that you hated the most will also be the one thing you need to know in order to get the job you really want.
3. They actually expect you to pay back those student loans.
4. Edmonton is a wonderful place.
5. It's very difficult to get a job today without an undergraduate degree.
6. Computers are here to stay - make them your friends!
7. Really great jobs can come from anywhere (Only in Hollywood: I got a job on a TV show through MY DOG! Good dog!)
8. The U of A is a first class university.
9. All the guests on the Tonight Show are pre-interviewed and most of what comes out of their mouths on the air is scripted.
10. Whatever your career track, don't be afraid to network with anyone who can be of help to you. There are lots of successful people in your field who will be willing to give you advice.

And... don't panic if you're not sure what you want to do next. Investigate all the possibilities in your field (see #1) and keep an open mind.

Again, congratulations on a great achievement. I'm sure you'll be as proud to be a U of A alumni as I am. ♦

S  
Y  
U

## WHAT ARE YOUR KIDS DOING THIS SUMMER?

### SUMMER YOUTH UNIVERSITY 1997

*For junior and senior high school students*

SYU is a **perfect opportunity** for junior and senior high students to experience what it is like to be a student at the **University of Alberta**. At SYU, students will be able to sample **university classes**, explore future **career opportunities**, and meet **friends** from across Alberta. Classes feature **lots of hands-on activities**, and students can choose the ones that interest them. **Space is still available in July.**

http://www.extension.ualberta.ca  
maryanne.budnitsky@ualberta.ca  
**Td (403) 492-5597**

Faculty of Extension  
University of Alberta



# Ann HOWEY

## Guinevere's point of view

**Modern day stories of Arthur offer insight into popular fiction and cultural change, says Ann Howey**

By Michael Robb

Ann Howey remembers reading Mary Stewart's four-volume series, based on the Arthurian legend. She loved the books. When she was in her second year of university, a friend said she had to read Marion Zimmer Bradley's *Mists of Avalon*. That same year, she took a course which included Alfred Tennyson's *Idylls of the King*, a Victorian version of the Arthurian legend.

Howey was hooked. The next year, she wrote an honors paper comparing the two books. "At the time, I was outraged that Tennyson had gotten it so wrong! There was such a huge difference. Since then, I've come to a better understanding," explains Howey, whose interest in the legendary British hero, said to have been king of the Britons in the sixth century, grew with each passing day.

Based on advice from a professor at Queen's University, Howey packed her bags and headed west. Originally, she wanted to write about the Arthurian leg-

end, but that changed somewhat. "I learned I wanted to study what popular fiction does with feminism and how it engages with feminism. I ended up using contemporary Arthurian rewrites as examples of how that engagement happens, and what happens," explains Howey, who worked with Dr. Stephen Reimer, an Arthurian specialist.

"The rewrites worked very well. The whole tradition acts as a comparison, so that certain changes made to the story in the rewrites stand out," Howey says. Often changes are made to plot and character. Sometimes the narrative style is different. Many contemporary writers can ask, "What if?" For example, some contemporary writers can tell the legend from a woman's point of view. Some of the retellings place women at the centre of the story.

Howey, who worked part-time in a second-hand bookstore during her PhD work, recognized the impact these stories

are having on people. "The majority of people in our society read popular fiction. It's important to look at popular fiction and popular culture and to analyze the way it works, and the way it engages with all the societal debates."

She doesn't believe popular fiction can be simply dismissed as escapism, a way of getting away from reality. It's not completely untrue, but these books often include the concerns of modern-day society. "In the last 30 years or more, our society has been concerned about the role of women and men, what defines a family, careers, what role women have in the political sphere.... People are still trying to work out these issues for themselves. Popular fiction is one of the ways they do that. Fiction gives them new ideas in a very non-threatening way. They offer alternative places and visions."

"These little progressive steps, people thinking about these issues in new ways is the way that change comes about in our society."

Howey, who will convocate this spring with a PhD from the Department of English, learned much more than how modern-day Arthurian stories incorporate present-day concerns. "The things we learn about and study today may not have an immediate impact," she says. But that constant growth of the body of knowledge changes people's lives, and students do learn how to read critically



Ann Howey

in English departments. That skill, she points out, can be applied to movies, newspapers, politicians' speeches and television.

Howey also learned that she loves to teach. She is teaching an intercession course now and taught as a sessional last year. She hopes to land a job in a smaller university. Chances are any English 101 course she teaches will include an Arthurian retelling. ♦

# Terry BAKER



Terry Baker

## In it for the long haul, Terry Baker the first graduate of the Master of Public Health

By Michael Robb

Terry Baker is tired. It's been a long haul. Late nights. Papers. Exams. Working to pay the bills. It's time to get a job.

Baker earned a diploma in business administration from the Northern Alberta Institute of Technology. Then he enrolled at the University of Alberta. Several years later he had earned a bachelor of arts degree in economics. Then, he turned his attention to earning a graduate degree.

Baker is the first graduate of the Master of Public Health with specialization in health policy and management. "I knew that I couldn't attain the level of management in the health-care field with only an undergraduate degree," says the Edmontonian. "Ten years down the road I didn't want my education holding me back. I wanted to have more doors open."

The MPH program is designed to educate people interested in pursuing careers in the administration of health care. Baker

was particularly attracted to the heavy concentration of business courses in the program.

Baker says he learned much more than simply the facts. "I developed a work ethic and worked hard for the marks I received. The educational process made me what I am. I think I'm a better person as a result of this," says the 31-year-old Baker. "Education shows others your dedication and perseverance, and that you're willing to make sacrifices."

"I now have a firm foundation for the future. Education has also afforded me the ability to move," says Baker, who is willing to work anywhere on the continent. Ultimately, however, he wants to settle with his fiancée, Sally Ibrahim, in Canada and strike a balance between work and leisure.

"Right now I just want to find a job and earn a nice living." ♦

## Spring Clean Up Specials

Meeting Your *business* Needs  
... to maintain your standard of Excellence!

### Laser

- Clean all rollers
- Clean and inspect feed tires
- Clean paper path
- Clean corona wires
- Clean connector contacts
- Clean cooling fans
- Inspect drum cartridge
- Inspect developer tank (where applicable)
- Clean cassettes
- Test all functions

**\$49.95**  
Includes GST

### Ink Jet

- Clean all rollers
- Clean and inspect feed tires
- Clean paper path
- Clean Ink Cartridge
- Test all functions

**\$29.95**  
Includes GST

### Pentium PRO 200

- Intel PRO 200 Processor
- ASUS Motherboard P6NP5
- Heat sink and fan
- 32 EDO RAM
- Touch Mid tower
- Mitsumi 1.44 Floppy Drive
- Microsoft Mouse
- Windows 95 Oem CD Version
- Western Digital 4.0 Gb HD
- Diamond Stealth 3D 2 Mb Video Card
- Telex Voice Command
- Panasonic 24 Speed CD ROM
- US Robotics 56K Internal Data/Fax/Voice Modem
- Altec Lansing Speakers
- Sound Blaster 32 PnP Sound Card
- Samsung 15" GLE Monitor

**\$3,828.35**  
Includes GST

### System

- Clean all cooling fans
- Clean chassis of computer
- Clean out floppy drive(s)
- Clean out CD-ROM drive
- Clean connectors on system
- Defragment hard drive
- Delete old temporary files
- Virus Scan
- Clean up of mouse
- Performance bench test
- Test all system functions

**\$69.95**  
Includes GST

Cost may vary due to system size



First Edmonton Place, Suite 900,  
10665 Jasper Ave., Edmonton, Alberta T5J 3S9  
Phone (403) 448-9622 • Fax (403) 484-2694  
e-mail: intellisys@compusmart.ab.ca



## Stillman MATHESON

### "There will always be a place for great church music"

**Stillman Matheson earns doctor of music degree in organ performance**

By Michael Robb

Don't worry about the possible demise of pipe organ music: People are still writing music for the instrument. People are still listening to the music. And Stillman Matheson is still playing it.

Matheson, only the second music student to graduate with a doctor of music degree in organ performance at the University of Alberta, says great church music has been around for centuries and the pipe organ has been at the core of that music. That centuries-old tradition has enveloped and nurtured Matheson's life. Keeping that great tradition alive and well in the 20th century has been his great passion.

"Music has been such a big part of my life for so long that I don't even stop to think about it anymore," says the organist for Robertson-Wesley United Church. "I'm always conscious of music – when I'm not practising, I'm listening. For some people, it's recreation. For me, it's work, recreation and many other things – all at the same time. Even when I do administrative work and work with people, music is still at the centre of it all."

The 39-year-old musician considers himself fortunate to be one of the few

organists in Canada to make a living as a church music director. The 30-hour a week position is one of the largest in the country. He supplements that by playing with the Alberta Baroque Ensemble.

Matheson's musical education started early. "I grew up in the Anglican Church [in New Brunswick]. It had a wonderful choral tradition. I never lost it. The older I get the more I realize the impact it had on me."

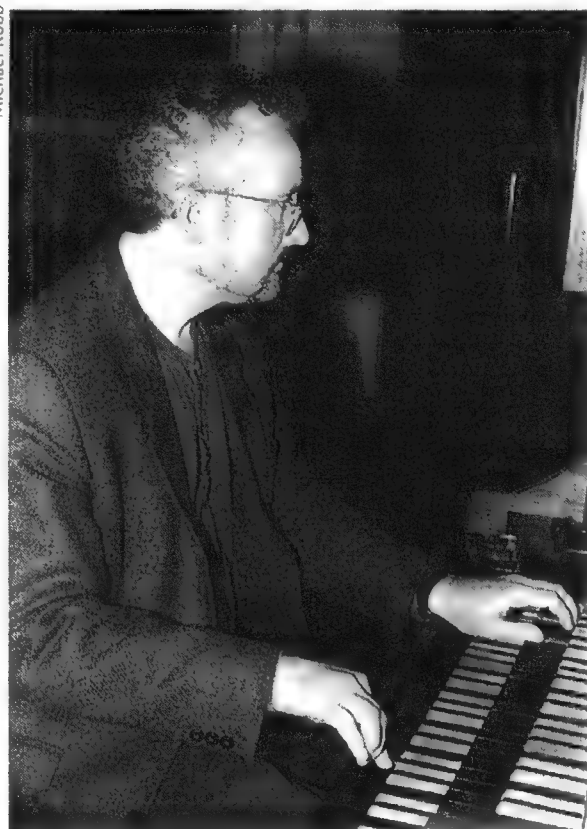
In the summers, he attended a choir school. After graduating high school, he enrolled at Mount Allison University, where he completed a bachelor of music degree. Like many Maritimers, he headed to Halifax. There he enrolled at Dalhousie University to complete a teaching certificate. For four years he taught general classroom music in one of Halifax's inner-city schools. Meanwhile, he kept playing the organ in local churches.

He soon realized, however, that he wanted to learn more about the instrument. This time he attended McGill University in Montréal for two years. There, he completed a degree in organ performance. Soon after, he returned to Fredericton where he assumed the director of music position in a local

church. It wasn't long, however, before he was once again overwhelmed by the desire to study pipe organ music. After three years in the sleepy, little New Brunswick city, he traded the banks of the Saint John River for the banks of the North Saskatchewan River. He had heard how strong the music department at the U of A was. He decided to audition. Once he and his wife, Patricia, had settled in, he went to work under the tutelage of Professor Marnie Giesbrecht. Patricia went to work teaching music.

For nearly six years, the sound of his music resonated in the rafters of Convocation Hall. He loves the sound of the pipe organ in Con Hall. Last fall, he took his music overseas, to Poland where he played solo recitals. Sponsored by the Edmonton Composers Concert Society, the Department of External Affairs and the Alberta Foundation for the Arts, Matheson performed the opening recital in a 12th century Polish church. It was a wonderful moment in a life full of music. ♦

Michael Robb



*Stillman Matheson: the second student at the University of Alberta to complete a Doctor of Music degree in organ performance. His advisor, U of A music professor Marnie Giesbrecht, was the first to complete the degree.*

## Genwen ZHOU

### Fundamental research: the basis of practical solutions for industry

**Syncrude using work being done by chemical engineering superstar to improve their processes**

By Michael Robb

If all goes well this Spring, by the time Genwen Zhou walks across the stage to receive his doctoral degree in chemical engineering, he will do so as a Canadian citizen. Zhou, originally from the People's Republic of China, and his spouse, Lingling Sun, and their son, Brian Zhou, want to remain in Canada.

Many people in his field are hoping Zhou's application for Canadian citizenship is successful. The reasons are fairly straightforward:

he's bright, he has a brilliant career ahead of him and he's likely to make enormous contributions to the study of mixing processes. Chances are he's likely going to be wooed seriously by a number of major companies when he attends an upcoming mixing conference.

As a student, his work has caught the attention of his peers across North America. Closer to home, researchers at one of the province's largest employers, Syncrude Canada, say the kind of work the young researcher is doing will help

them understand how they can improve some pretty important processes they use in their giant Fort McMurray plant.

Zhou says his work has been somewhat theoretical, but may have some practical applications. He's modest.

In fact, he has been studying and measuring the turbulence and size of tiny water droplets in stirred tanks. It's an area of research Syncrude is attempting to understand, says Zhou's thesis advisor Dr. Suzanne Kresta, who also works closely with Syncrude on related problems.

Syncrude mines bitumen. The problem is that it includes sand and water. "The sand is fairly easy to get rid of," explains Kresta. "The fine water droplets are more difficult to get rid of." Some are in the bitumen naturally, and some are created as a consequence of the processes used to purify the bitumen.

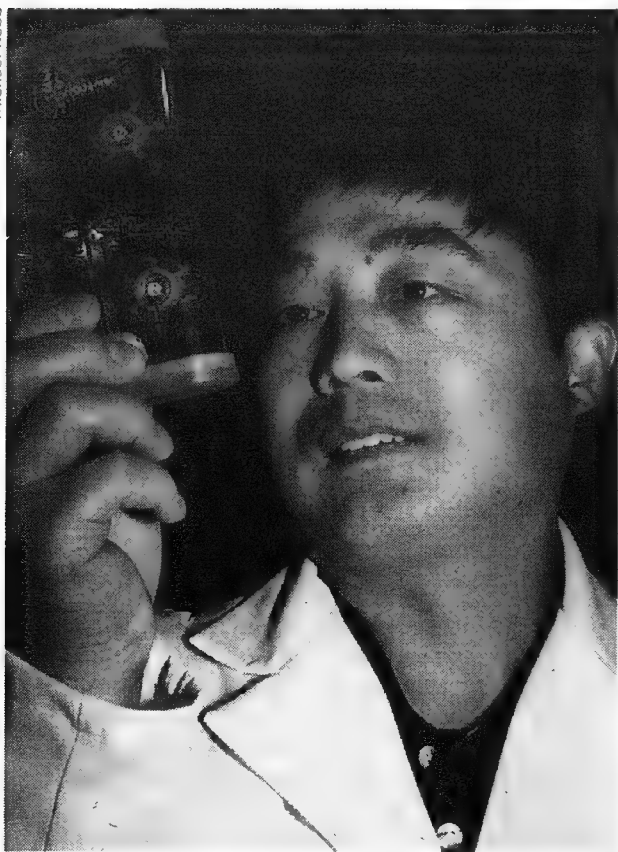
"We're using Genwen's numbers [the data generated by the fundamental work] as guidance for our processes," explains Syncrude's research engineer Bill Shelfantook. "That detective work helps us decide where we want to go with our processes and how we can improve them. The theoretical underpinnings are important. Often, they lead us in different directions we didn't anticipate. Sometimes we

find another influence in the system and this suggests new areas we want to explore."

Kresta and Zhou arrived on the U of A's doorstep at the same time, in 1992, Kresta as a new assistant professor fresh from graduate work at McMaster University and Zhou as a graduate student. Zhou was one of the first students who passed university entrance exams following the country's tumultuous cultural revolution. When Zhou arrived on this continent, he surveyed the department for graduate supervisors and eventually asked Kresta to supervise his graduate work. Now the two are off to an international conference of chemical engineers. Kresta will give a plenary talk on turbulent mixing and Zhou will pick up the North American Mixing Forum Student Award for his outstanding thesis work. Zhou is the first recipient of the award, given by the American Institute of Chemical Engineers.

"The chemical engineering group at the University of Alberta is one of the finest in the world," says Shelfantook, who anticipates that long after Zhou heads to Montreal to assume a postdoctoral position with École Polytechnique, the work Syncrude does with the chemical engineering department will continue. ♦

Michael Robb



*Genwen Zhou has a fundamental understanding of basic mixing processes.*



# Annelind WAKEGIJIG

## Medical graduate carries on family tradition of healing

*Wakegijig is the first in the family to study western medicine*

By Judy Goldsand

"I share the honor of my medical degree with my family and ancestors and all those who got me to this point," says Annelind Wakegijig, who will graduate June 5 from the University of Alberta.

Descending from a long line of traditional healers, she is the first to study Western medicine. She is also the first woman from her reserve, the Wikwemikong First Nation on Manitoulin Island in Ontario, to become a physician.

Much of the credit for her success goes to family and friends, and it seems she intends to return the favor. She will return soon to Ontario where she is enrolled in the University of Ottawa's two-year family medicine program based in Sudbury. The program trains physicians for work in rural areas with rotations spread throughout northeastern Ontario.

"The most exciting part," says Wakegijig, "is being able to use my native language in the workplace. Aboriginal people are proud and often don't want to admit that they do not understand something," she says. Wakegijig has asked elders in her community to teach her the lesser-known words for body parts so that she can clearly communicate with her patients.

Wakegijig's intends to continue her education in her own tradition's healing practices as well. Western medicine is based more on physical evidence, she says, while native tradition puts more emphasis on emotional and spiritual elements in health. She is particularly interested in helping to improve health for Aboriginal women who, she believes, often put their own health concerns aside as they care for their children and grandchildren.

A strong sense of her tradition permeates Wakegijig's life. She says the most important lessons she learned from her parents were to respect others and to learn from past experiences. Wakegijig's father is involved in the health professions as coordinator for the diabetes project on their reserve, while her mother works in the school system.

In times of great stress – and she admits there were many during medical school – Wakegijig thinks of her grandfather who she describes as her "root," the one who has given her a sense of identity. "He's the one who taught me our language and it's his gifts I value above all."

She wants to continue sharing those gifts. Earlier this year, Wakegijig travelled to Moose Factory to speak to a career forum. "I spoke to them not only about health careers, but encouraged them to continue their education, and pursue whatever their interests are, she says. It's so important to have self esteem, and the self confidence of knowing that they can realize their dreams. I was really just passing on the lessons I learned from my family – that the Creator gives everyone gifts, and it's up to us to use them."

Several of Wakegijig's family members will be here for her graduation. The celebrations of her success will continue in Ontario, first at her June 21 wedding, and again in August when her reserve holds a special ceremony to honor all of its members who have graduated from high school, college, and professional programs during the past year.

Wakegijig left her home at 14 to attend a private girls' school in Sudbury where she was the only Aboriginal student in the ninth grade class. "Looking back, I

Michael Robb



1997 medical graduate Annelind Wakegijig is the first in a family of traditional healers to study western medicine. Annelind is one of three recipients of the Darcy Tailfeathers Memorial Award in Medicine.

think it was a very good experience. We all came from different backgrounds, all wore uniforms. I was treated no differently from anyone else. I made some great friends that I still keep in touch with. They made me feel welcome and treated me as one of them, and I will always be grateful to them for that gift."

She decided to become a physician after a high school tour which introduced Aboriginal teens to the health professions. She tested the waters with extensive health-care work during her undergraduate studies in Ontario. She worked with Anishnawbe Health Toronto administering basic health care to Aboriginal people living on the streets; worked with a nutritionist to adapt traditional Aboriginal recipes for the Ahnee Weight Loss Program for member First Nations; and at the Ontario Federation of Indian Friendship Centres (OFIFC), was a policy analyst in a study of Aboriginal family

violence, and co-authored the OFIFC Report on Urban Aboriginal People presented to the Royal Commission on Aboriginal Peoples. ♦

## Office of Native Health Care Careers Program

The Office of the Native Health Care Careers Program was established in 1988 and staffed by a coordinator to help Aboriginal students gain admission to and graduate from the University of Alberta's Faculty of Medicine and Oral Health Sciences, and other professional health science faculties. It was a strategy aimed at correcting the under-representation of Aboriginal physicians and health professionals in Canada. During the past five years (1993 to 1997), 13 Aboriginal physicians have graduated from the University of Alberta. The MD program currently has 12 Aboriginal students enrolled, and has 12 self-identified applicants for Fall 1997. The other professional health science faculties have a combined enrolment of 50 Aboriginal students. ♦

## Helen GERRITZEN

### Taking the best of business to the world of art

By Lee Elliott

Helen Gerritzen was eight years into a career in marketing and communications when she took a sudden turn back to the University of Alberta and life as an artist.

"I was working for Economic Development Edmonton in marketing, says Gerritzen. "And I did like my job. I didn't leave it because I hated it . . . There was a part of the whole working world that I was uncomfortable with . . . but I left because I felt it was the best future for me."

"I've always wanted to be an artist," says Gerritzen, "but it was such a scary concept when I was 18." An evening class in art fundamentals reminded her of her true vocation. She applied and was accepted into the BFA program and quit her job. "I'm so much happier," she says. "I've never regretted my decision to come to school. . . It's so satisfying. . . I can't imagine I existed without all this information."

"It took some adjusting to go from being a person with a work identity and a salary to the life of a student," she says. "It was fun to be kind of poor for a while

too, but that wears off fairly quickly." She says a supportive family and a minimum of student loans have helped her through.

Another adjustment was the loss of a nine-to-five life. "I'm never home during the school year," she says. She enrolled in three studios a year, each was six hours long and she'd put in at least six hours work on top of that. "I rarely took a day off," she says. "It's just constant work."

Gerritzen is this year's recipient of the U of A Master of Fine Arts, Master of Design Scholarship and will be continuing into a master's program. Her business background shows as she outlines clear objectives: first, to continue in the MFA program; second, to become a full-time professional artist, possibly starting a business combining her marketing, communications and art experience; and three, to teach fine arts.



Helen Gerritzen

"This last year I made a conscious decision to concentrate time in print making to see if that's where I wanted to continue my degree in such a concentrated level," she says. She's now committed to print making and is looking forward especially to the second year of the MFA when she can concentrate solely on studio work for her own project.

Her goal in her master's program will be "to explore how we as humans fit in this

technological world . . . So far much of my work has incorporated old diagrams and ink drawings for example astronomical charts from 18th Century India, or I also use a diagram of reading the palm of your hand," says Gerritzen. "I'm fascinated that this is the technology they used to gain insight into our universe and our humanity. I'm combining that with print making which is a more technological art form . . and investigating human fragility in this very technological world."

In the meantime, she's combining her expertise in business with her love of art in a summer job helping the department organize a print making symposium, *Sightlines*, to take place at the U of A this fall. She's hoping to use a great deal of her marketing and advertising background in helping to make the symposium a huge success.

How will her future as a professional artist be different than life as an employee? "The biggest difference for me as an artist is that in your own studio, you're an entrepreneur . . I'll have to create my own objectives and meet them, whether it's a body of work or an exhibition. . . it's like having your own business." ♦



## Suzanne HINDMARCH

### Juggling volunteer work with learning – successfully

By Lee Elliott

Suzanne Hindmarch wants to make a difference in the world, but thinks that's probably not exceptional. "I hope everyone does," she says.

Hindmarch has made a pretty good start, however. Five years ago, the 17-year-old came to the U of A with no clear career plan, just a keen desire to learn. Shortly after arriving, she signed up as a volunteer for the Edmonton AIDS Network.

Since then, she's juggled her work with AIDS patients, an additional five hours a week volunteer peer counselling with Student Help, and managed to complete her honors degree in political science scoring a perfect nine on her thesis.

While Hindmarch's volunteer commitments show how much she cares for people, she's never considered a "caring" profession. "I don't need to be paid for this kind of work," she says. "I will always do it, because I want to. I think it's important for anybody to be involved in the community . . . We have an obligation to give something back."

Hindmarch chose to work at the AIDS Network after the death of a family friend who had the disease. "There were personal reasons for me," she says. "But I think I was also just feeling frustrated at the attitudes of people my age. . . people who think they're invincible and it's not going to affect them personally."

Hindmarch has worked in the Network's Buddy Program where "there's a lot of emotional support involved . . ." She's also worked on the recently established home-care team. "There's a lot more physical work involved as well as the emotional support," she says. Patients may need help moving from wheelchairs to bed, or help getting to the bathroom.

She's lost good friends through the course of her work – but knowing the potential of losing the relationship from the start makes for a different kind of friendship, she says. "because you know at the beginning they are ill . . . It's a different form of loss."

"I've learned an incredible amount about the disease," she says, and she's learned about "empathy, compassion and understanding" from her co-workers.

Hindmarch's other volunteer work was aimed at making sure fellow students were okay. At Student Help, she worked as a confidential peer counsellor, primarily with university students, who would drop in on a one-time-only basis to discuss issues that ranged from academic concerns to feelings of suicide and depression.

But while her volunteer activities were demanding, Hindmarch kept focused on academic pursuits that really excited her. "I bounced around through three or four majors in the first two years," she says,

before discovering a passion for political science. "I had really excellent professors in political science right from the beginning," she says. But it was a class in Latin American countries with Dr. Fred Judson that hooked her on her thesis subject – and the work and travel she hopes to pursue after graduation.

"I think what appeals to me generally in the study of political science is that I'm able to look at how economics affect people," she says. Her thesis deals with the social and economic implications of the NAFTA agreement on the lives of women in Mexico.

"It's difficult to say for sure what the effects of NAFTA are because it only came into effect in 1994," she says. But preliminary indications seem to point to improvements in the lives of the middle and upper middle classes. "They're usually the owners, so of course they're benefitting from the relaxed regulations in terms of being able to export their products to the States."

Urban women at the lower end of the scale don't seem to have fared so well. "It hasn't done much to improve their economic situation, and I think a lot of people could argue working conditions have gone down," she says. "It's also led to a great deal of organizing at the grassroots level," and to the beginning of cross-border labour organizing.

The future? "I definitely want to get my master's," says Hindmarch. "From there I might consider journalism or more work in the non-profit sector." She

thinks the political science degree will be an asset. "I think a familiarity with other cultures, political systems and the political climate in general is a benefit even if it doesn't apply directly to a career," she says. "I think everyone should have an awareness of the world events that affect their lives."

Hindmarch is already working for the summer coordinating AIDS Walk Edmonton, the Network's major fundraising event. After that, she plans to work long enough to finance travel to the Latin American countries she's spent so much time reading about. "I think it would be difficult to continue to study Latin American countries without spending any time there," she says. "I'd like to get down there." ♦



Suzanne Hindmarch

#### CANADIAN FEDERATION OF UNIVERSITY WOMEN EDMONTON

**Invites** Active, committed women to join our organization, the goals of which are to pursue knowledge, promote education, improve the status of women and human rights, and participate in public affairs.

**Qualifications** A degree from any recognized college or university in the world.

**Activities** Study and social groups; researching and presenting briefs; offering scholarships and awards to both women and men.

**Benefits** Community service, friendship, and skills development. Affiliated with the International Federation of University Women.

**CFUW** Has over 166,000 members in 61 countries. There are over 10,000 members in the 130 Canadian clubs. The Edmonton club meets the third Monday of the month. There is a \$55 annual fee.

For details, please call:

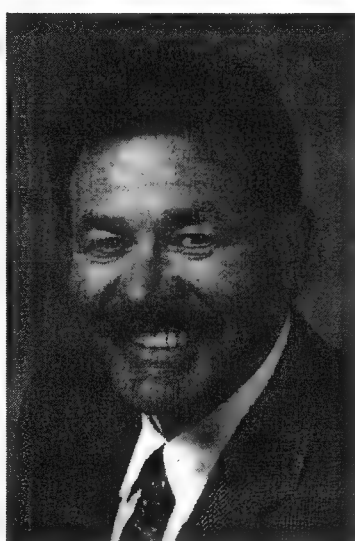
Mary Jane Flannigan 430-5383  
or Joan Cowling 487-8329

Or visit the CFUW website at:

<http://www.freenet.edmonton.ab.ca/cfuw>

## An Education that Lasts a Lifetime

### The University of Alberta Planned Giving Program



■ Dr. Bill Sharun gave a gift of Life Insurance to the Department of Oral Health Sciences in the Faculty of Medicine and Oral Health Sciences.

■ This popular form of support allows Dr. Sharun to make a substantial donation at an extremely reasonable cost, along with providing him with current tax benefits.

■ If you believe in the future and want to secure the financial viability of the University of Alberta into the next century, you can find out about some of the varied ways of giving to ensure your legacy will go on in perpetuity.

#### One more example is the gift of... A Charitable Remainder Trust

*A charitable remainder trust allows you to put assets such as cash, securities or real estate into trust to be ultimately distributed to the university. During your lifetime, the assets will be managed by a trustee and you will receive the interest income earned by the assets. You will also receive an immediate tax receipt for the present value of your gift.*

To invest in the Future, call:  
The University of Alberta Development Office at 492-4418 or 1-888-799-9899  
and ask for the Planned Giving Office



University of Alberta

...it makes sense.



# Honorary DEGREE RECIPIENTS

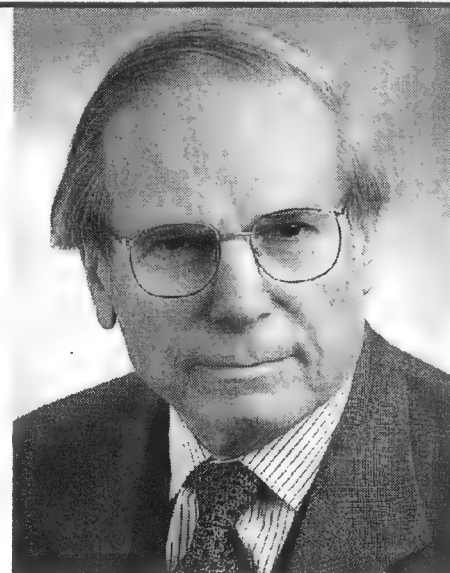


**Dr. Manmohan Singh**, former finance minister of India, is the architect of India's market-oriented economic liberalization program. He has played a key role in convincing the world that his country is committed to trade liberalization and freer markets. He played a crucial role in the historic signing by India of the Uruguay Round of the General Agreement of Tariffs and Trade. ♦

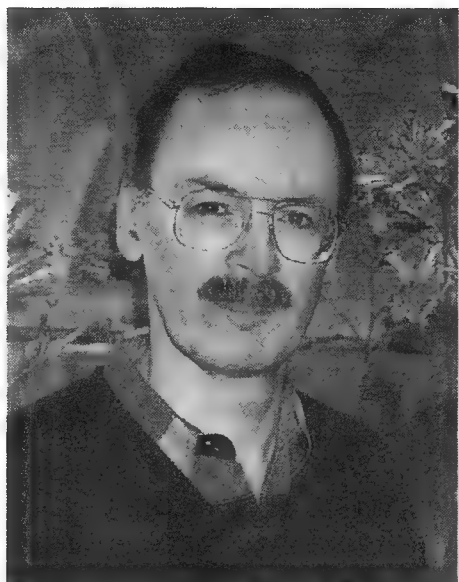


**Dr. Per-Ingvar Brånemark**, a Swedish professor, will receive an honorary degree to recognize his innovative work in the area of osseointegration biotechnology. His remarkable and unique work has improved the quality of life for thousands of people who have suffered the absence or loss of body parts. As a result of Brånemark's pioneering work, osseointegrated implants have become routine in the replacement of teeth, jaw reconstruction, cleft palate work and orthodontics. ♦

**William Hurlburt**, who earned his bachelor of arts in 1948 and his LLB the following year from the U of A, has had an enormous impact on law reform in the province and nationally. He served as director of the Alberta Law Reform Institute from 1975 to 1986 and remains a consultant and counsel for the Institute up to the present day. He has published extensively and made notable contributions to strengthen the ethics of members of the legal profession and was a member of a panel recommending rules of conflict of interest for cabinet ministers, MLAs and senior public servants. ♦



**Dr. Mamoru Watanabe**, the former dean of the Faculty of Medicine at the University of Calgary and current professor of internal medicine, will be recognized for his contributions to health research, physician resource management and medical information technology. Over the course of his career, he has challenged health-care providers to re-examine how they allocate resources. His recent publications have focused on the provision of health care in under-served regions and, in particular, on the influence of undergraduate and post-graduate education on recruitment and retention of physicians in rural Alberta. ♦



**Dr. Chris Somerville** is also an alumnus, earning an undergraduate and both of his graduate degrees in genetics. He is currently a molecular biologist at Stanford University. Somerville pioneered a molecular genetic method to study photorespiration in plants. He chose a common weed, *Arabidopsis*, for his study and in the process developed it as a model for plant genetics and molecular biology that is now used throughout the world. One of the world's leaders in plant molecular biology, Somerville has used genetic engineering techniques to improve commercially useful biochemical pathways, such as changing the composition of edible oils in higher plants. ♦

**Dr. Robert Kroetsch**, a prominent Canadian novelist and essayist, published his first novel, *But We Are Exiles*, in 1965. *Words of My Roaring* was published the following year. And in 1969, *The Studhorse Man* was awarded the Governor General's Award for Fiction. He went on to publish five more novels, 10 books of poetry and two works of non-fiction. Born and raised in central Alberta, Kroetsch earned his first degree, a bachelor of arts, from the U of A.



A posthumous honorary degree will be awarded to the late **Margaret Zeidler**. Zeidler, up until her death, May 19, was board chair of Zeidler Forest Products, a position she assumed after the death of her husband Bill. Zeidler was a well known philanthropist who has given major gifts to the Francis Winspear Centre for Music, the Zeidler Hall in Edmonton's Citadel Theatre, the Zeidler Star Theatre at the Edmonton Space and Sciences Centre, the Slave Lake Pioneer Lodge and the Margaret L. Zeidler and Family Magnetic Resonance Imaging Unit at the U of A Hospitals. Zeidler was made a member of the Order of Canada in 1994, and in 1996 was named the first recipient of the Peter Lougheed Award for Achievement for Advancement of Health Services by the University Hospital Foundation. ♦



**Charles Chan**, who earned his bachelor of engineering degree at the U of A in 1979, has made his mark in business. The chairman and chief executive officer of the Paul Y-ITC Corporation, a construction company which he has built into a major corporation with world-wide interests, and chairman of Tak Cheung Holdings Ltd. has risen to become one of the leading industrialists in the Asian economy. Chan also has an interest in the Oxford Group, one of Canada's leading development companies. ♦



# Professor of biochemistry named MRC distinguished scientist

## Chris Bleackley one of the leading molecular immunologists in the country

By Folio staff

Dr. Chris Bleackley has been named a Medical Research Council of Canada scientist. He is among six Canadian researchers awarded the Council's most prestigious research honor.

The five-year award supports salaries of highly renowned scientists who are at the forefront of health research.

The professor of biochemistry with a cross appointment in immunology is recognized as one of the leading molecular immunologists in Canada and internationally, particularly in the field of granzyme molecular genetics. His research focuses on processes which lead to the death of cells and could hold out some promise in the areas of transplantation, autoimmunity and vaccination.

His team has discovered how lymphocytes work by inducing suicide in cells. They have cloned genes for a number of enzymes that play a key role in the destruction of tumour cells and virally infected cells by the immune system. The research could lead to the development of drugs that would inhibit or enhance cell-mediated immune responses for treatment of patients with autoimmune disorders or cancer.

Three researchers at the University of Toronto, one at McGill University and one at l'Université de Sherbrooke were named MRC distinguished scientists for 1997. ■



Chris Bleackley

## How old is that rock?

**Most advanced thermal ionization mass spectrometer in the country will soon reside at U of A**

By Michael Robb

Where's it from? And how old is it? Those are two big questions earth scientists love to answer definitely—give or take a few million years. But those two seemingly simple questions aren't always easy to answer.

Earth scientists at the University of Alberta, however, are about to receive a new piece of equipment that will allow them to answer those two big questions in an increasingly accurate manner. Earth and Atmospheric Sciences professor Dr. Robert Creaser is flying to Europe this spring to choose a thermal ionization mass spectrometer, a new machine worth about one million dollars that, once installed, will be the most advanced in Canada.

The machine will enable researchers to gather precise and accurate isotopic measurements on geologic materials. "The technique has been around for a very long time, but the new machine is much more sensitive," says Creaser, who along with Drs. Heaman, Luth, Chacko, Nesbitt, Erdmer, Jones, Machel, Sharp and Muehlenbachs, successfully applied for a major installation grant from the Natural Sciences and Engineering Research Council to pay for the machine. "We'll be able to analyze much smaller samples, single crystals, with much higher precision."

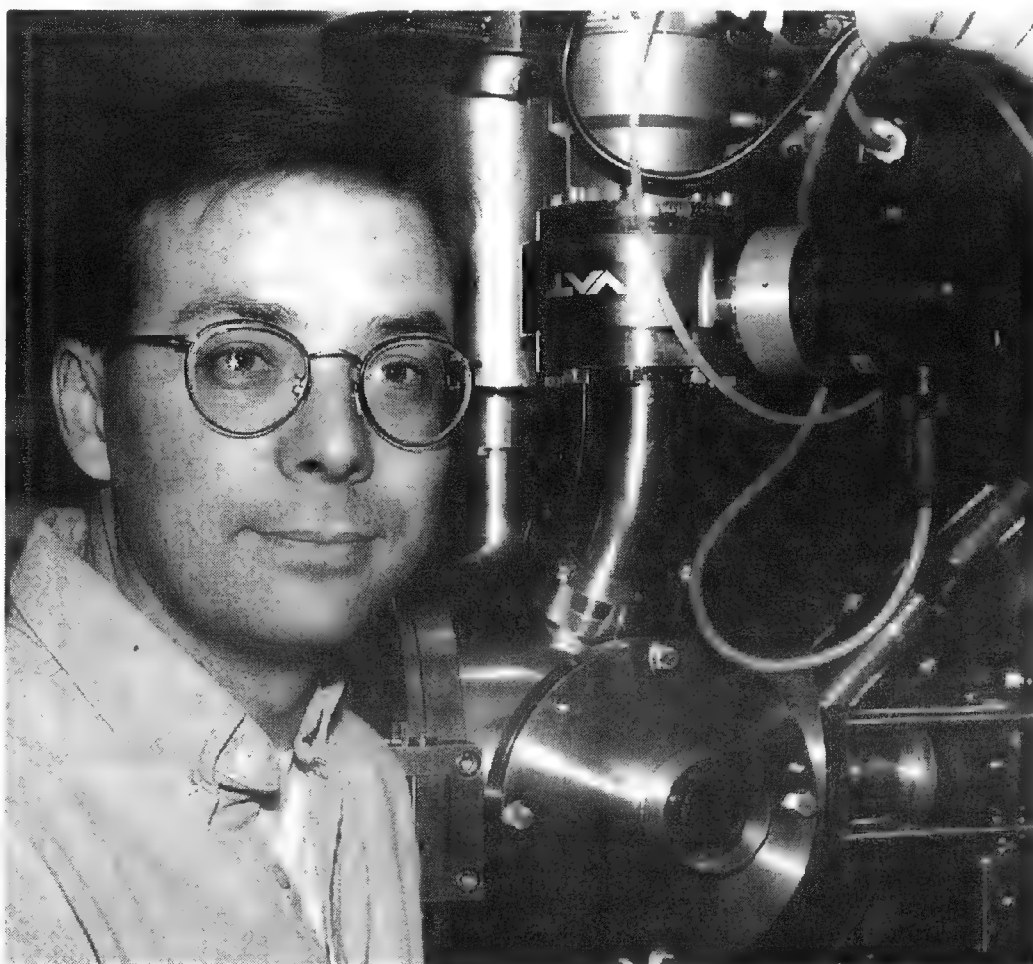
The new machine will be capable of negative ion mass spectrometry for osmium isotope studies, a widely used technique developed by Creaser. It will also allow researchers to date very young rocks; the existing mass spectrometers on campus are not able to do that with the degree of accuracy necessary. Dr. Brian Jones, for exam-

ple, will be able to determine the age of limestones in the Cayman Islands. That will allow researchers to reconstruct global sea level changes. Dr. Larry Heaman will use the new machine to date intrusions of igneous rock in the earth's crust, to learn more about how the continents have been assembling and disassembling over time. A number of other geologists, petrologists and geochemists, students and staff, will use the machine.

In addition to University support, the researchers also had support for the

NSERC application from the private sector in the province. Mining companies, for example, will pay for the use of the machine. Samples will be analyzed to determine the formation of ore deposits. "We hope to expand industrial use of the facilities," says Creaser, and to think of new ways of using the machine.

The University is also planning to construct a new lab in the Earth Sciences Building to house the new and existing mass spectrometers, a move researchers have welcomed. ■



Dr. Robert Creaser: One of the world's leading isotope geochemists and this year's recipient of the 1996-97 Faculty of Science Research Award.

## NOTICES

### CALL FOR PAPERS

Call for conference papers for *Literacy in the 21st Century*, October 24, 1997. Proposals should relate to the conference themes: adult literacy, workplace literacy, school literacy, family and community literacy, media and technological literacies, social and cultural aspects of literacy, support systems for literacy. Deadline June 16, 1997. For more information, contact Betty Jo Werthmann, 492-2261.

### WOMEN'S WORDS: FOURTH ANNUAL SUMMER WRITING WEEK

The Faculty of Extension's Women's Program is holding the Fourth Annual Women's Writing Week from June 2 to 8. Participants can choose from five-day or weekend workshops in life-writing, fiction, poetry or prose. All workshops will be taught by published writers including Gloria Sawai, Ruth Krahn, Di Brandt, Carolyn Redl, Jan Henderson and Eunice Scarfe.

Costs range from \$45 to \$145 with enrolment limited for some session. All sessions will be held at the University Extension Centre, 8303-112 Street. For more information call 492-3093.

### PETER BANKS RETIREMENT

Peter Banks, a long time employee in the office of the Comptroller, will be retiring from the university on June 30. An invitation is extended to all Peter's friends to attend a reception in his honor Thursday, June 26, 1997 from 3 to 5 p.m. in the MAP Room at Lister Hall.

Please RSVP before June 24 to Harriet Campbell (492-5140) or Joyce Assen (492-2895). Contributions for a gift are graciously accepted and may be sent to Room 105 Administration Building, attention Joyce.

### BOB HARDIN RETIREMENT

The Department of Agricultural, Food & Nutritional Science will be holding a reception to honor Dr. Bob Hardin on the occasion of his retirement as professor, biometrics and poultry genetics on Friday, June 20th, 1997 from 2:30 p.m. to 5:30 p.m., second floor lounge at the Faculty Club. A brief program will begin at 3:30 p.m. All are welcome!

Contributions to a memorabilia of photographs, humorous articles, poems, congratulatory letters for binding and presentation to Bob Hardin, can be sent to: Frank Robinson, Department of Agricultural, Food & Nutritional Science, 4-10 Agriculture-Forestry Building, University of Alberta, Edmonton, Alberta T6G 2P5; fax 403-492-4265, or e-mail to: skatzeff@afns.ualberta.ca For further information and to RSVP call Sharon Katzeff at 403-492-9565 by June 9, 1997.

### FAREWELL RECEPTION FOR DR. ALLAN TUPPER

Members of the University community are invited to join President Rod Fraser and (Acting Vice-President (External) Roger Smith in a farewell reception for Associate Vice-President Allan Tupper. Dr. Tupper is leaving the University of Alberta to begin his new appointment as Vice-President (Academic), Acadia University on July 1, 1997.

All friends and colleagues of Allan and Peggy Tupper are welcome to attend: June 24, 1997, 4:30 to 6:30 p.m. in the Papaschase Room of the Faculty Club. RSVP Brenda Brammar, 5335.

### FRIENDS NEED YOUR BOOKS

The Friends of the University is a registered charity which actively supports the U of A through awards and the sponsorship of the Henry Marshall Tory Lecture. Their annual used book sale raises between \$2,500 and \$4,000 per year.

If you have books to donate, please call Deanna Betty 434-3739.





## PART-TIME AND SESSIONAL ASSIGNMENTS HURT UNIVERSITY

I write concerning the plight of temporary and part-time sessional lecturers hired to teach undergraduate courses in several University departments. I believe the continued informal use of sessional lecturers is detrimental to the University, its students, and particularly to those individuals who fill the temporary positions. Although I appreciate the difficult financial times the University faces and the need for short-term solutions for immediate teaching needs, I think that there are better options than course-by-course sessional assignments for the following reasons:

1. The use of sessional appointments undermines continuity in undergraduate courses. Despite efforts to standardize syllabi, particularly in core courses, individual instructors will necessarily teach different material, limiting the ability of

students to make informed course choices and of faculty to build effective ties among related courses.

2. Temporary teaching assignments, whether filled by sessional lecturers or faculty, discourage investment in course content. Instructors appointed to courses they are unlikely to teach again have little incentive to invest heavily in the preparation of lecture notes, auxiliary reading material, laboratory protocols, and exams. Many of the refinements implemented in successive sections of a course are simply not possible.

3. Constraints on availability and dependability stretch the expertise of sessional instructors. Because they draw from a small local pool and are unable to offer or attract secure commitments, departments with ad-hoc assignments may have difficulty finding suitable instructors. This

can result in the appointment of lecturers to courses well outside their own areas of expertise, sometimes only days before the course is to begin.

4. Sessional appointments tend to exploit the instructors who fill them. This bold statement stems from three attributes of many sessional arrangements: low per effort pay, inadequate recognition of prior training and career stage, and decreased marketability for future positions. In my own department (Biological Sciences), a new sessional instructor is paid less for teaching an entire lecture course than a beginning M.Sc. student (on a teaching assistantship) responsible for two sections of its lab. But more importantly, the massive first-time effort required of a conscientious teacher in a new course can seldom be repaid through multiple or successive assignments to that course. Part-time sessional instructors also have no job security and no benefits, but they must have a Ph.D. and typically have postdoctoral experience as well.

I encourage departments to develop more equitable arrangements for temporary teaching needs. Courses needing sessional instructors could be combined to create full-time, attractive positions. These positions need not be permanent, but should be long enough (e.g. two-year contracts) to warrant reasonable commitment by both departments and instructors. Such positions have recently been advertised by biology departments at the Universities of Carleton, Northern British Columbia, Saskatchewan, Trent, Winnipeg, and Victoria. Typically, these positions involve heavy teaching loads, but they also reward the expertise of their successful applicants, allowing them to plan a lifestyle and a career accordingly.

Colleen Cassady St. Clair  
Killam Postdoctoral Fellow  
Department of Biological Sciences

## Blending genres, exploring boundaries

*Creative writing professor discusses writing with a sense of place—and winning awards for it*

By Lee Elliott

Creative Writing Professor Kristjana Gunnars' book of poetry, *Exiles Among You*, won the recent Alberta Writers' Guild poetry prize, while her book, *The Rose Garden: Reading Marcel Proust*, was recognized as best novel. She is currently on sabbatical in Oslo, Norway and discussed her writing with Folio via E-mail.

**FOLIO:** It seems each of your works takes place in a different geographical location, yet each has a strong sense of place. Do you have a bad (or wonderfully good) case of wanderlust?

**GUNNARS:** It's true every book I write is strongly situated in place. Partly it's because of the aesthetics I write from, which is about the relationship between the act of writing and the written work. I have a process orientation to the arts, which means the writer and the location in which the narrative is formed actually infiltrate the text. The text becomes transparent that way and the reader can see through to the place of its origin. I react very strongly to places I'm in. If that's the way you write, it's better not to be in the same place all the time or your work acquires a kind of sameness you don't necessarily want. Landscape becomes a kind of character in the narrative for me.

People often ask me why I move so much, or, as you put it, why I seem to have such a strong case of wanderlust. I don't actually. I think the book *The Rose Garden* kind of tells the tale, of how hard it is for me to go to a new place. It's more like my bad luck, that I've had to move around so much. First I moved countries, because I came from Iceland originally. Then I moved to where the jobs were, because in the academic world, that's what you have to do...

**FOLIO:** How did *The Rose Garden*, which is categorized as nonfiction, win best novel?

**GUNNARS:** Yes, *The Rose Garden* is characterized on the back as non-fiction, yet it was entered in the fiction category. It's both curious and not. For one thing, that tells me people have grown used to the idea of genre-mixing and don't really care how a book is marketed. That's good. I tend to write

"creative non-fiction," which is non-fiction that uses the techniques of fiction to tell its tale. So most of my books are based on something real—something I saw or heard or even experienced—but told in such a way that it might as well have been fiction. I also like to bring in poetry, or prose poetry, to establish a mood or tone. Writers may create such mixtures of genres for various reasons, both practical and theoretical. Practically speaking, I think we're kind of held hostage to or by standard genres, so certain things are expected of us if we wish to write a novel.

It's especially problematic for women writers to conform to established patterns. Reasons for that difficulty are well known. It's been speculated on that women's writing is actually more lyrical, more personal, less specific to the establishment. So it's nice to be able to work outside of that conventional space and create a text that's closer to the heart of things for you, the writer. Closer to the way you actually see the world.

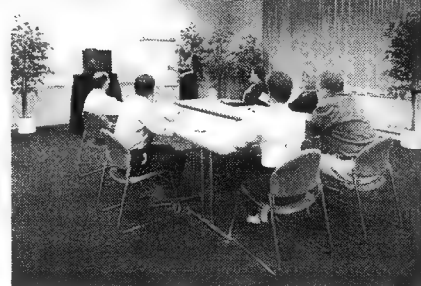
**FOLIO:** What does this prize or any prize mean to you?

**GUNNARS:** I would have been delighted just to get nominated. Winning either of these prizes is a surprise. Winning both of them is almost incomprehensible...It's sometimes hard to be a writer. You publish something and have no idea whether you've done anything useful by it. Whether anyone wishes to read it. It's a lonely job, and lots of writers have said so. But when you get a prize, it means not only that the book has been read, but thought well of. So you feel more connected to the community of readers and writers. This is important. It's very hard to work in isolation. If you're isolated for too long, and these connections don't come up, I think you dry up. Your creativity goes away. So I'm very grateful to the Writers' Guild for giving me this confidence boost.

## Meet with Success at the U of A Conference Centre

### The Conference Centre offers

- extensively renovated main function rooms to service your needs
- 7 meeting rooms that can accommodate up to 500 people
- Satellite and Internet ready facilities
- breakfast, lunch or dinner meetings
- examination and seminar rooms
- state of the art audio visual equipment available



### Whatever your meeting requirements, Lister's got it!

Call the Lister Hall Conference Centre first. You'll be impressed with how reasonable it can be to go first class right here on campus!

### U of A Conference Centre

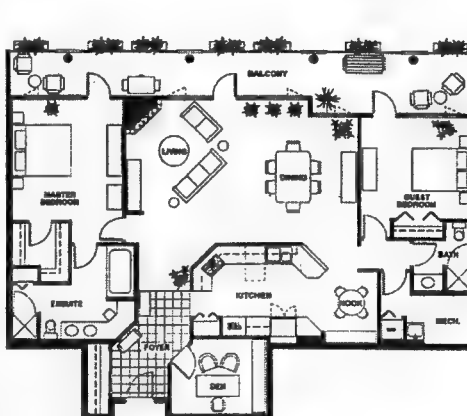
A Division of Housing & Food Services

44 Lister Hall  
Edmonton, Alberta, Canada T6G 2H6  
Phone: (403) 492-4281 Fax: (403) 492-7032  
E-mail: [conference.services@ualberta.ca](mailto:conference.services@ualberta.ca)

University  
of  
Alberta



## the Belgravia Condominium



### Compare these features:

- Spacious designs
- 9-foot ceilings
- Gas fireplaces
- 8 appliances
- Individually air conditioned
- Custom designed kitchens
- Hot water infloor heating
- Large bright windows
- Underground parking

11650-79 Avenue



Rick James Real Estate Ltd.

Contact Rick James at 434-1478 to arrange viewing by appointment.



# That'll be some chicken coop

Poultry Research Centre looks for partners in upgrading facilities

By Lee Elliott

Dr. Frank Robinson has a thing about chickens. "I have always liked chickens since I was a kid. It's very weird, but it's true." He says he had only 25 chickens when he was a kid on a Saskatchewan farm. "And here I am."

"Here," is the U. of A. Poultry Research Station, a joint project with Alberta Agriculture, Food and Rural Development and the four provincial poultry boards: The Alberta Chicken Producers, Alberta Egg Producers, Alberta Hatching Egg Producers and the Alberta Turkey Growers Marketing Board. Representatives from all

"People are eating a lot more chicken at the expense of red meat. They're becoming very health conscious and going for very low fat poultry products which means deboned chicken breasts."

these groups gathered at the Station May 23 for the launch of a fund-raising campaign designed to take the Centre—and the poultry industry in the province—into the 21st Century.

"People are eating a lot more chicken at the expense of red meat," says Robinson. "They're becoming very health conscious and going for very low fat poultry products which means deboned chicken breasts." Current University poultry research has focused on production efficiency. "Our new department vision is to look at the food chain from production through to value added...What we need to do that is a processing facility that can be federally inspected," says Robinson.

Ian Morrison, dean of the Faculty of Agriculture, Forestry and Home Economics, said the facility is already the only one of its kind in Canada. However, the industry is rapidly expanding. To keep ahead of institutions such as those in Arkansas, Alabama, Texas and Georgia in the "value added" future, he says, the University needs renovations and an expansion that will cost approximately \$1.5 million. "What we need is a very clean lab with modest equipment so that we can collect complete data on each bird. Research processing labs are unlike commercial plants: we do not use them every day nor do we use them for large numbers of birds: but we need such labs to do good research and to provide research facilities for our students."

Robinson, who spent the afternoon giving tours, said "All four feather boards are here plus the Lilydale board of directors so we're quite happy...We work a lot with industry...and we've asked their support for annual operating and always got it, but now we're asking for a one-time shot in the arm to really bring us up to speed...We talk to the poultry industries throughout North America, it's not just Alberta."

Plans include construction of a new multi-purpose teaching and research facility; a building for slaughter, evisceration, processing and post-processing evaluation of poultry; and renovations to include environmentally-controlled poultry chambers, upgraded pens and improved sanitation, air quality and storage capabilities.

For those having trouble envisioning the expanded Poultry Research Centre, Robinson and his children have built a replica from Lego, carefully following builders' plans. ■



Chances of flying the coop are getting slimmer as the Poultry Research Centre raises funds for upgraded facilities.

**Get Ready**

## Fall session is just around the corner!

**Customize Your Course with Custom Courseware**  
printed by the Students' Union Print Centre

Lower Level SUB **PRINT CENTRE** 492-8862

- State of the art print-on-demand software
- Scanned, electronic, or disk document input
- Optical cartridge storage for ease of reprinting
- Competitively priced
- High quality course packs

**Call 492-8862 Today**

**University BOOKSTORE**  
Where Quality Meets Tradition

**QUALITY COLOR PRESS INC.**

**PRINT CENTRE**

**University of Alberta Students' Union**

Free Delivery 10km Radius On Orders Over \$25.00 5pm to 10pm

Free Delivery 10km Radius On Orders Over \$25.00 5pm to 10pm

## New Asian Village

The Ultimate In East Indian Cuisine

A splendid view of the River Valley featuring our open kitchen with our famous tandoori oven. Ample parking at the door. Enjoy traditional East Indian dining experience with warm hospitality and National Award Winning Chef.

Voted one of the Top 5 Restaurants in Canada by Restaurant Food Magazine.  
"Best Ethnic Restaurant" - Edmonton Journal. "5 Spoon Award" - Edmonton Sun.

<p><b>EXOTIC FOOD NO ADDITIVES OR PRESERVATIVES</b></p> <p><b>APPETIZERS/SOUPS</b>  <b>SAMOSA:</b> Two Triangle pastry stuffed with Beef.....\$2.95  <b>VEGETABLE:</b>.....\$2.75  <b>PAKORA:</b> VEGETABLE.....\$3.25          Curry Puffs. Fresh vegetable chopped dipped in lentils dough deep fried.  <b>PANEER Cheese Puffs</b>.....\$3.75  <b>ONION BHAJIA</b>.....\$3.50  <b>PAPADAMAS:</b>  <b>ROASTED/DEEP FRIED</b>.....\$1.00          Crisp lentil flour with herbs.  <b>ASIAN TIKKAS OR KEEMA TIKKAS</b>.....\$6.95          Your choice of marinated Chicken, Lamb or Beef, charbroiled with our choice of herbs &amp; spices.  <b>LENTIL SOUP</b>.....\$2.95          Cream of Lentils, homemade, seasoned with herbs.  <b>CHICKEN YAKHANI ORIENTAL</b>.....\$3.25          A special oriental soup with the taste of herbs &amp; spices.  <b>FISH TIKKA</b>.....\$8.95          Marinated fish done in a clay oven with fresh vegetables  <b>SEAFOOD/CHEF'S SPECIAL</b>  <b>SHRIMP BUTTER MASALA</b>.....All Levels \$13.95          Jumbo shrimp cooked in a buttery sauce.  <b>FISH PUNJABI</b>.....\$11.95          Marinated white fish deep fried with our chef's special sauce, served on a bed of Saffron Rice.  <b>SHAHI BUTTER CHICKEN</b>.....All Levels \$12.95          Charbroiled chicken marinated in herbs &amp; spices, cooked in butter, served with Nan Bread.  <b>SIDE ORDERS</b>  <b>CHAPATEE</b> or <b>ROTI</b> Home-made bread.....\$0.95  <b>NAN MAKHANI</b>.....\$1.75          Plain Nan with butter. Fresh Dough Bread baked in our oven.  <b>NANKEEMANI</b> Above stuffed with minced beef.....\$2.95  <b>BHATURA</b> Special Dough Bread Deep Fried.....\$1.50  <b>PARATHA</b> Crispy Bread fried on the grill.....\$1.95  <b>ALU PARATHA</b> Above stuffed with potatoes.....\$2.75  <b>POORI</b>.....\$1.50  <b>BASMATI STEAMED RICE</b>.....\$2.25  <b>BASMATI RICE SAFFRON</b> Rice cooked in saffron \$3.25  <b>VILLAGE EXOTIC TANDOORI</b>  <b>TANDOORI CHICKEN</b>.....All Levels \$18.50  <b>TANDOORI CHICKEN HALF</b>.....All Levels \$10.50          Tender chicken marinated in yogurt &amp; spices.  <b>MIXED GRILL</b>.....All Levels \$19.00          Marinated chicken, lamb, beef &amp; shrimp charbroiled  <b>SHEESH KABOB</b>.....All Levels \$10.95  <b>ASIAN SHAMI KABOB</b>  <b>MAHARAJA LAMB KABOB</b>  <b>SIDE ENTREES</b>  <b>RAITA:</b> All items served in home-made yogurt  <b>POTATOES/FRESH VEGETABLES</b>.....\$3.25  <b>CHUTNEYS:</b>  <b>MINT/TAMARIND</b>.....\$1.50  <b>MANGO/HOT SAUCE</b>.....\$1.50  <b>MIXED PICKLES/LIME PICKLES</b>.....\$1.50</p>	<p><b>NON-VEGETARIAN</b>  <b>CHICKEN, BEEF OR LAMB CURRY</b> All Levels \$7.95          Gravy with our choicest herbs &amp; spices.  <b>MASALA</b>.....Med to Atomic \$8.95          Cream sauce cooked with herbs &amp; spices.  <b>DOPIAZZA</b>.....Hot to Atomic \$8.95          Served on a bed of Juicy Onions.  <b>DAHIWALA</b>.....Mild to Atomic \$8.95          Cooked in home made yogurt with herbs &amp; spices.  <b>SAAGWALA</b>.....Mild to Atomic \$8.95          Spinach &amp; cream sauce cooked with herbs &amp; spices.  <b>VINDALOO</b>.....Med to Atomic \$8.95          South Indian recipe with coconut base.  <b>KARAH</b>.....Med to Atomic \$8.95          Cooked with fresh vegetables and our choicest herbs &amp; spices.  <b>KORMA</b>.....\$10.95          Combination of yogurt &amp; cream sauce cooked with cashews &amp; exotic fruit.  <b>BHOONA</b>.....\$10.95          Meat roasted in chef's special sauce with cashews, raisins &amp; exotic fruit.  <b>KOFTA CURRY</b>.....Med to Extra Hot \$8.95          Minced beef ball, fried in curry.  <b>KEEMAMUTTER CURRY</b>.....Mild to Atomic \$8.95          Minced beef &amp; peas cooked in gravy with our choicest herbs &amp; spices.  <b>EGG &amp; KEEMA CURRY</b>.....Med to Atomic \$8.95          Eggs cooked with ground beef, with herbs &amp; spices.          ***ALL ABOVE SERVED WITH ONE CHAPATEE***  <b>VEGETARIAN</b>  <b>DAL MAKHANI</b>.....Mild to Extra Hot \$7.95          Lentils cooked with red kidney beans.  <b>DUM ALU</b>.....Med to Atomic \$7.95          Potato curry cooked in yogurt with herbs &amp; spices.  <b>CHANNA MASALA</b>.....Med to Atomic \$7.95          Chick peas garnished with green chilies, onions, potatoes and tomatoes.  <b>VEGETABLE CURRY</b>.....Med to Atomic \$7.95          Fresh seasonal vegetables with gravy.  <b>ALU GOBI</b>.....Mild to Hot \$7.95          Potatoes &amp; cauliflower with herbs &amp; spices.  <b>PANEER BUTTER MASALA</b>.....All Levels \$8.95          Home-made cheese cooked in butter sauce.  <b>MATAR PANEER CURRY</b>.....All Levels \$8.95          Home-made cheese with peas.  <b>SAAG PANEER</b>.....Mild to Atomic \$8.95          Home-made cheese with spinach &amp; cream.  <b>BHARTHA</b>.....Med to Atomic \$8.95          Egg plant cooked with herbs &amp; spices.  <b>MUSHROOM CURRY</b>.....Mild to Hot \$8.95          Mushrooms &amp; peas, with our choicest herbs &amp; spices.  <b>BHINDI BHAJI</b>.....Mild to Hot \$8.95          Baby Okra and onions cooked with herbs &amp; spices.          ***ALL ABOVE SERVED WITH ONE CHAPATEE***</p>
---	---

<p><b>DINNER FOR 2:</b> Chicken Masala, Beef Curry, Basmati Rice Saffron, Pakora, 2 Chapatees <b>\$20.00</b></p>	<p><b>ROYAL DINNER FOR 2:</b> Shahi Butter Chicken, Beef Curry, Shrimp Fried Rice Pulao, Samosa, Spinach &amp; Potato Curry, Pakora, Soup, Chapatees <b>\$30.00</b></p>
<p><b>DINNER FOR 4:</b> Chicken Masala, Beef Curry, Spinach &amp; Potato Curry, Keema/Mutter Curry, Basmati Saffron Rice, Pakora, Chapatees <b>\$40.00</b></p>	<p><b>ROYAL DINNER FOR 4:</b> Chicken Masala, Beef Curry, Spinach &amp; Potato Curry, Shrimp Fried Rice Pulao, Keema/Mutter Curry, Samosa, Pakora, Soup, Chapatees <b>\$60.00</b></p>

Ask about large group or dinner party combinations.  
 ENJOY OUR RIVERVIEW LOUNGE. \*PICKUP FROM DOWNTOWN HOTELS

**10143 Saskatchewan Dr. (fax 433-8476) 433-3804**

**10% off Take Out** \*Prices in effect till March /97



## KILLAM RESEARCH FELLOWSHIPS AND KILLAM MEMORIAL PRIZES

The deadline is approaching for applications for Killam Research Fellowships and nominations for Killam Memorial Prizes. These prestigious awards are administered by the Canada Council and are open to scholars across Canada. (These programs are separate from the internal U of A Killam program run through the Faculty of Graduate Studies and Research.)

Dr. Nicole Tomczak-Jaegermann, mathematical sciences, was one of only nine winners across Canada this year, and is the first U of A winner since Dr. Roger Shine (Philosophy) in 1992.

• **The Fellowships** provide up to \$53,000 a year (plus benefits) for two years to allow the University to pay for the teaching relief that allows the Fellow two years of research concentration. These are open to scholars in all disciplines.

• **The Killam Memorial Prizes** are worth \$50,000 for each of potentially three winners across Canada. One each is awarded for particularly distinguished careers in the health sciences, natural sciences and engineering.

Successful Fellowship applicants are normally full professors in mid-to-senior career and must show how the release time will make an effective difference in the quality and output of the research beyond what would be accomplished without the Fellowship.

Application forms for the Fellowship and nomination guidelines for the Prize are available from the Research Grants Office (5360) or by e-mail [lynda.brulotte@ualberta.ca](mailto:lynda.brulotte@ualberta.ca). An opportunity for pre-review and suggestions from an experience in-house panel of scholars is being made available to all those who submit applications or nominations to the Research Grants Office by June 16, 1997.

# Rendezvous at The Digital Planet

The University of Alberta community meets every two years at the Campus Computing Symposium to take stock of accomplishments and new challenges related to information technology in higher education. This year's Symposium—The Digital Planet—runs from June 23-27 in the Tory Lecture Theatre complex at the University of Alberta. The Symposium is being organized by Computing and Network Services, Academic Technologies for Learning, the University Libraries, the Department of Computing Science, and a number of commercial and industrial partners. Major corporate sponsors of the event include TELUS Advanced Communications, ACCESS - The Education Station, IBM, Oracle Corporation Canada, and Silicon Graphics Computer Systems.

The Symposium is devoted to:

- on-line learning and electronic communication in higher education
- computing services and directions at the University
- enterprise-wide information systems development at the University
- new technologies and research applications

- the synergies between academia and the computing industry

The Symposium aims to equip attendees with the latest knowledge so they can excel in the digital classroom, the automated office integrating institutional data, the computational research laboratory, and the world of on-line business. Whether attendees are members of faculty teaching staff, administrative support staff, IS managers, Java-jiving webmasters, or business persons establishing a presence on the Net, there will be Symposium sessions to meet their needs and interests.



## THREE CONFERENCES IN ONE

The Symposium incorporates three conferences. On Monday and Tuesday, June 23-24, the fifth annual Western Canada Oracle Users Conference is being held in conjunction with the Focus on Industry conference. The Campus Computing Conference, dealing with on-line learning, enterprise-wide administrative computing, computational re-

search, web tools and Internet trends, etc., is being held on Wednesday to Friday, June 25-27.

All the conference streams, keynote speakers and session abstracts, and on-line registration details are available at the Symposium Website: <http://www.ualberta.ca/SYMPOSIUM/>



## ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

June 6, 11 a.m.

Vikram Misra, professor, Department of Veterinary Microbiology, University of Saskatchewan, "Herpes Virion-Associated Gene Transactivators—Evolutionary Differences and Tools for Understanding Gene Regulation." 470 Medical Sciences Building.

September 8, 7:30 p.m.

The Honourable Mr. Justice Michael O'Byrne/ AHFMR Lectures on Law, Medicine and Ethics will be delivered by Professor Bartha Maria Knoppers on, McLennan Ross Hall, Faculty of Law. Topic: "Biotechnology, Medicine and Industry." Reception to follow. Everyone welcome. Please RSVP: 492-5590.

## CHEMISTRY

June 6, 10:00 a.m.

Professor W. Leitner, Max-Planck-Institut, Muelheim, Germany. "New Ways in Homogenous Catalysis". Chemistry Building room E-25.

## CROSS CANCER INSTITUTE

June 5, noon

AHFMR visiting speaker John R. McLaughlin, "Design Considerations for Molecular Epidemiologic Studies of Lung Cancer." Zane Feldman Auditorium, Cross Cancer Institute.

## EXTENSION

June 2 to 8

4th Annual Women's Writing Week, "Women's Words". Attendees can choose from five-day or weekend workshops in life-writing, fiction, poetry and prose. Workshop costs range from \$45 to \$145 with limited enrollment. For more information call 492-3093. University Extension Centre, 8303-112 Street.

## HOPE FOUNDATION

June 9 thru 12, 7:00 p.m. each day

Discover ways to use hope in an intentional manner to enhance the quality of our lives with the "Exploring Hope Workshop". There is no charge for this workshop. To register, please call 492-1222 by June 9. Hope House, 11032-89 Ave.

## NURSING

June 12, 12:00 to 1:00 p.m.

Joyce Kandandara, prominent Zimbabwean nurse and midwife. Faculty of Nursing Guest Lecture on Women's Health and Development. Ms. Kandandara is currently working for the World Health Organization in Africa where she is the focal person on women's health and development. Clinical Sciences Building room 6-017.

## PHARMACOLOGY

May 22, 12 noon

Dr. Melanie Kelly, Department of Pharmacology, Dalhousie University. "Receptor operated cation channels in retinal pigmental epithelium". Heritage Medical Research Centre, room 207.

## PHYSICS

June 12, 3:30 p.m.

Robert C. Richardson, 1996 Nobel Laureate in Physics and Newman Professor of Physics at Cornell University. "The Discovery of Superfluid <sup>3</sup>He." Timms Centre for the Arts.

## PHYSICS, ELECTRICAL AND COMPUTER ENGINEERING

June 15, 8:00 p.m.

Vera C. Rubin, Carnegie Institution, Washington, DC. "What Hubble Didn't Know About Our Galaxy". A free public lecture sponsored by the Canadian Astronomical Society and The Royal Astronomical Society of Canada. Timms Centre for the Arts.

## PHYSIOLOGY

May 30, 3:30 p.m.

Loren W. Kline, "Calcitonin Gene-Related Peptide and Gall Bladder Motility." 207 Heritage Medical Research Centre.

## PUBLIC HEALTH SCIENCES COLLOQUIUM AND GRAND ROUNDS

May 28, 12:00-1:00 p.m.

Dr. Tee Guidotti, Professor Public Health Sciences, Director, Occupational Health Program. "To Eliminate a Killer: What Does it take to Control an Occupational Disease Worldwide?" Walter Mackenzie Health Sciences Centre, room 2J4.02.

## RURAL ECONOMY

June 10, 1 p.m.

Harvey G. Brooks, "New Generation Co-operatives: A Model for Value-Added Processing." 550 General Services Building.



## DANCE

### DANCE ALBERTA

May 30 and 31, 7:30 p.m.

"La Sylphide", with its Scottish theme, completely changed the course of ballet with its romantic tale of the fairy immortal, the Sylph, who dies of her infatuation with the young Highlander, James. Also on the program is the neo-classical ballet "Le Conservatoire." Timms Centre for the Arts.

## EXHIBITIONS

### EXTENSION CENTRE GALLERY

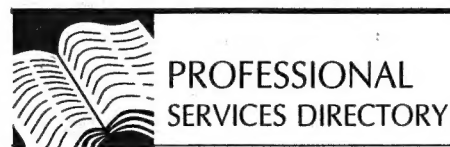
Until June 13

"Vessels in Celebration"—commemorating twenty five years of the Alberta Potter's Association. Gallery hours: 8:30 a.m. to 4:30 p.m., Monday to Friday. Information: 492-3034. 2-54 University Extension Centre.

### McMULLEN GALLERY

Until June 30

"Original Voices—Twelve Artists With Aboriginal Heritage"—an exhibition of sculpture, drawing and painting by twelve emerging artists with aboriginal heritage. Gallery hours: Monday to Friday, 10 a.m. to 4 p.m.; Saturday and Sunday, 1 to 4 p.m.; Thursday, 5 to 8 p.m. Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.



### PRUDENTIAL SPENCER REAL ESTATE

Janet Jenner-Fraser & Gordon King  
Website: <http://www.compumart.ab.ca/realestate/fraser-king.html>  
Ph: (403)483-7170 Fax: (403)484-3690  
300, 14727 - 87 Ave, Edmonton, AB

### COLDWELL BANKER PANDA REALTY

Keith Morrissey  
Knowledge, Integrity & Trust  
Ph: (403) 483-0601  
Website: [www.tgx.com/homesearch](http://www.tgx.com/homesearch)



## Cherniavsky Consulting Ltd.

Immigration Counselling,  
Employee Training and  
Life-long Learning

Eva M. Cherniavsky

8919 - 146 Street

Edmonton, Alberta T5R 0V7

Tel: (403) 483-9308 Fax: (403) 484-6430

## Janet Jenner-Fraser & Gordon W. R. King



"The Experience Team"  
+  
Leading-Edge Computer Support



### Specialists in:

- Residential Real Estate
- Executive Relocations
- Short/Long Term Leases

Website: <http://www.compumart.ab.ca/realestate/fraser-king.html>

Email: Janet: [jennfra@compumart.ab.ca](mailto:jennfra@compumart.ab.ca)

Gordon: [kinggo@compumart.ab.ca](mailto:kinggo@compumart.ab.ca)

Fax: Bus. (403) 484-3690

Tel: Bus. (403) 483-7170

**The Prudential**  
Spencer Real Estate

300, 14727 - 87 Ave. Edmonton AB T5R 4E5

## 24th Annual Meeting of the Microscopical Society of Canada Société de Microscopie du Canada

June 4-7, 1997

Medical Sciences Building, University of Alberta  
Edmonton, Alberta



For more information, contact:

Richard Sherburne

Tel: (403) 492-2305

Fax: (403) 492-7521

[richard.sherburne@ualberta.ca](mailto:richard.sherburne@ualberta.ca)

Program and registration information also available at:

<http://www.ualberta.ca/~mmid/mschome.html>

## Catherine M. Fletcher D.D.S.

### DENTIST

#980, 8215-112 Street

College Plaza 3

Edmonton, Alberta

T6G 2C8

439-2266

### Our hours are:

Monday to Thursday

8:00 am - 4:00 pm

Friday by appointment



# RESUME POSITIONS

The University of Alberta is committed to the principle of equity of employment. As an employer we welcome diversity in the workplace and encourage applications from all qualified women and men, including Aboriginal peoples, persons with disabilities, and members of visible minorities.

## FINANCIAL OFFICER

The Faculty of Medicine and Oral Health Sciences, one of the largest and most complex faculties on campus, invites applications for the position of Financial officer. Reporting to the Dean and Executive Officer, the successful candidate will be responsible for the accounting and financial operations of the Faculty. Specific responsibilities include: the management of all financial and budget matters in the Dean's office; the preparation of financial statements, budgets, projections and variance; analysis; the coordination of the financial and budgeting process within the entire Faculty; the contracting and reappointment of all academic staff and administration of the Faculty Evaluation Committee.

As a member of our dynamic management team you will have demonstrated planning, analytical and organizational skills combined with effective leadership and team-building qualities. The successful applicant will have demonstrated competence on a PC platform working in an Office 97 environment. We require a CA/CMA with several years or progressive responsibility. Experience in a university setting is an asset. The salary for this Administrative Professional Officer position is currently under review.

Applicants are invited to submit a covering letter outlining qualifications for the position and a resume by Friday, June 13 to  
Mr. Philip C. Stack  
Executive Officer, Faculty of Medicine and Oral Health Sciences  
University of Alberta  
2J2.00 WC Mackenzie Health Sciences Centre  
Edmonton, AB T6G 2R7

## PLACEMENT OFFICER

The Faculty of Law is seeking a Placement Officer whose duties will include:

- Providing career counselling to Law students and assisting them with job search techniques.
- Establishing and maintaining relationships with prospective employers to encourage the hiring of students for articling positions, non-traditional, and summer placements.
- Maintaining good working relationships with the Law Society of Alberta, the Canadian and provincial Bar Associations, and the various provincial Law Soc Establishing a liaison role between students and Faculty administration concerning placement and career counselling.
- Advanced computing skills.
- Maintaining an adequate library and records system.

This is a full-time term position, subject to renewal. Salary will be commensurate with experience. The starting date is expected to be October 1, 1997.

Please submit a CV and 3 letters of reference by June 15, 1997 to:

Dean Timothy J. Christian, QC  
Faculty of Law, University of Alberta  
485 Law Centre  
Edmonton, AB, T6G 2H5  
Phone: 403-492-5590  
FAX: 403-492-4924

## ADMINISTRATIVE PROFESSIONAL OFFICER (DEPARTMENT OF ENGLISH)

The Department of English invites applications for the position of Administrative Professional Officer.

Reporting to the Chair, the APO is accountable for the planning, establishment and maintenance of an administrative support system to facilitate the research and teaching functions of the Department. S/he holds responsibility for the preparation and monitoring of budgets (operating, capital, trust), timetabling and student registration; budget planning and analysis are primary responsibilities. S/he also analyses and interprets University, Faculty and Department policies, and otherwise assists the Chair and Associate Chairs in all matters con-

ducive to the efficiency and harmony of the Department. S/he is responsible for coordinating, directing and assessing the performance of all support staff. S/he must be capable of a supervisory decision-making and possess strong interpersonal skills.

The position calls for someone with tact and initiative, thoroughly literate and capable of working authoritatively with a variety of people. Applicants should also have a university degree and/or considerable administrative experience, preferably at this University. Experience in liaison with the Offices of the Registrar and the Comptroller, and a knowledge of Excel would be assets.

Salary will be commensurate with qualifications and experience. The current salary range for the position is \$38,105 to \$57,161 per annum (571 hay points). Applications, including curriculum vitae and the names of three referees, should be forwarded to

Dr. Patricia Demers  
Chair, Department of English  
3-5 Humanities Centre  
University of Alberta  
Edmonton, Alberta T6G 2E5  
Application deadline: June 2, 1997

## ASSOCIATE VICE-PRESIDENT (GOVERNMENT RELATIONS)

The Acting Vice-President (Research and External Affairs) invites applications from the academic staff for this full-time appointment.

Reporting to the Vice-President (Research and External Affairs), the Associate Vice-President (Government Relations) provides guidance and counsel to the University and its senior administrators on the University's relations with provincial, federal and local governments, and is also responsible for implementing a comprehensive government relations program for the U of A.

The Associate Vice-President must understand the process of government and politics, including policy-making in the areas of higher education and research, and have an appreciation of the internal governance of the U of A. Work experience in government and within a university is an advantage.

Appointment is to be effective 1 July 1997, and will be for an initial term of two years. Inter-

ested individuals are requested to communicate in writing with Dr Roger Smith, Acting Vice-President (Research and External Affairs), Room 3-12 University Hall, by Monday 2 June 1997.

## ADMINISTRATIVE PROFESSIONAL OFFICER (INTERNAL AUDITOR - SYSTEMS)

Reporting to the President the mandate of the Internal Audit Department is to examine and evaluate the systems of management controls, provided by the University, to direct its activities towards the accomplishment of its mission.

The Internal Audit Department is currently accepting seeking applications for the position of an Internal Auditor - Systems. The position reports to the Internal Audit Director and would be of interest to a highly motivated individual that enjoys working in a strongly team based atmosphere. The position offers opportunities to expand skills and experience in a challenging audit environment. The Internal Auditor - Systems is responsible for conducting independent reviews and appraisals of computing, financial, and operating controls in a wide range of organizational units, both academic and service functions, and will require extensive contact with senior University Management.

Applicants should possess a solid background in administrative systems, and distributed information technology, a sound working knowledge of micro-computer systems and excellent written and oral communication skills. Internal Auditing experience and familiarity with post secondary educational institutions would be definite assets.

The initial contract is for one year with a possibility for renewal. It is an Administrative Professional Officer position, with 588 Hay points and a 1996-97 salary range of \$38,656 to \$57,988 which is currently under review.

Applications should be forwarded to  
Allan Pedden, Director,  
Internal Audit, 234 Athabasca Hall,  
University of Alberta, Edmonton, Alberta  
T6G 2E8.

Deadline for receipt of applications is June 6, 1997.

## ADVERTISEMENTS

### ACCOMMODATIONS FOR RENT

OLIVER, spacious executive condominium with spectacular river view. One bedroom, dining/den, sunroom, heated parking, security. \$875. 454-2125.

CALL NOW!! To buy, sell, lease a condominium, \$44,900-\$695,000. Ask for Connie Kennedy, condo specialist/consultant, 25 years expertise. Re/Max, 488-4000, 1-800-275-8191.

KEHEEWIN - NEW EXECUTIVE CONDO, immaculate, furnished, near Heritage Mall, two bedrooms, two full baths, underground parking, main floor unit.\$950/month includes all utilities except phone. Western Relocation, 434-4629.

GLENORA - Villa Avenue. Furnished character home, 3,000', \$2,000/month. September-May, 1998. Western Relocation, 434-4629.

GAINSBOROUGH - Spectacular view. One bedroom plus den. \$1,000/month. May 1. Western Relocation, 434-4629.

SOUTHWEST CONDO - Furnished one bedroom, July 1, 6 month lease. \$800/month plus utilities. Western Relocation, 434-4629.

WHEELER ROAD - Exquisite, custom built, two storey, five bedrooms, 3,500'. Commercial kitchen, \$2,000/month. July 1. Lease. Western Relocation, 434-4629.

WESTEND - Classy executive, two storey, two bedrooms upstairs, finished basement, hot tub on deck. Fully furnished. September/October 1997-April 30, 1998. \$1,800/month. Western Relocation, 434-4629.

WALK TO UofA - Luxury well-kept houses, 3/4 or 5 bedrooms. South patio, five appliances. Nonsmoking, no pets. Available for short or long term stay. 436-6509.

TWO STOREY, three bedroom character home with fireplace, washer and dryer, double garage, and more. Near University. Available July 1, \$950/month. 436-9640.

DUPLEX, 2,600 sq ft. New, close to UofA, 7719 - 111 Street. Computer, telex, fireplace, vacuum cleaner system, master bedroom jacuzzi, two showers, huge kitchen, air circulation system, electronic washer, dryer. Stove, fridge, Jenn-Air, microwave, single garage. Immediate. Villa Slavica, 433-3283.

WINDSOR PARK - walk to University. Large bungalow home in crescent, five minutes to campus. Unfurnished, available July 1 for one to two years. Grant, 432-1922, 929-8928.

BEAUTIFULLY DECORATED, furnished home in southwest Edmonton, 25 years old. 1,730'. Avail-

able August 1 for two years. No smoking or pets. Security system. \$900/month. (403) 435-6674.

WINDSOR PARK - spacious, furnished home. \$800/month, July 1. Two bedrooms on main floor. Rec room, laundry, two bedrooms reserved for us two months per year in basement. Alison, (619) 273-7173.

FOUR BEDROOM CHARACTER HOUSE partially furnished in Glenora. Good access to University/downtown. No smokers. No pets. References required. 890-8053.

IDEAL FOR NATURALIST, writer, or artist. Two bedroom bungalow style house with basement, 1200 square feet, natural gas heat, appliances. Situated on 115 conservation area acres beside 400 acre lake and boreal forest, 24 miles northwest of Athabasca. \$500 a month plus utilities. Please call 675-6340 (work); 675-2930 (home).

UNIVERSITY-AREA desirable homes. Possible rent-to-own, (403) 433-5674. E-mail: aurora@planet.eon.net

LESSARD CONDO - ON THE PARK! Two bedroom plus den, five appliances, and fireplace, 15 minutes direct bus #39 to UofA. For lease \$625/month. Immediate possession. To view, 5728 172 Street. Call Carolyn Ampleford, Prudential Spencer, 483-7170.

SASKATCHEWAN DRIVE: comfortably furnished large condo apartment with one bedroom. River views, indoor pool, sauna, heated garage, utilities included. Moderate rent for reliable non-smoking tenant. \$550/month one person, \$700 for two. References, D.D. letter of agreement required. September 15 (possibly earlier) until end April 1998. 439-1690.

EXECUTIVE HOUSE, two bedrooms, hot tub, central fireplace. Two blocks from UofA. One year, or school term. \$750. upper floors, \$1,000. complete house. Attached garage. 439-5554.

ERMINEKIN BUNGALOW - three plus two bedrooms, double garage, developed basement, three baths, fireplace, six appliances, drapes, large yard, privacy, close to UofA. Available late August/September 1. \$950. 435-5085, 484-3134.

### ACCOMMODATIONS FOR SALE

VICTORIA PROPERTIES - Knowledgeable, trustworthy realtor with Edmonton references will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. (250) 383-7100, Lois Dutton, Duttons & Co. Ltd. #101-364 Moss Street, Victoria B.C. V8V 4N1  
CALL NOW!! To buy, sell, lease a condominium, \$44,900-\$695,000. Ask for Connie Kennedy, condo specialist/consultant, 25 years expertise. Re/Max, 488-4000, 1-800-275-8191.

CLARIDGE HOUSE - \$96,900. 11027-87 Avenue. Highrise penthouse, one bedroom, 1,050 square feet. Fireplace, beautiful river valley view. Ken Ellsworth, Century 21, 439-3300.

LRT at door to UofA - executive, two bedrooms, two bathrooms, fireplace, pool, underground parking, over 1,300', also one 1,284', built as condo, 9th and 6th floors. Westwind Estates, 9809 110 Street, \$109,900 and \$110,200. Ask for Connie Kennedy, Re/Max, 488-4000, 1-800-275-8191, 7 days.

NORTH WINDSOR PARK - two blocks from University. Spacious architect designed home on very large, well-treed lot. Attached double garage. July. \$325,000. 433-4510.

McKERNAN: Semi-bungalow for sale by owner (no agents please). Quiet street, walk to University. Private basement suite for added revenue or personal use; many upgrades (roof, furnace, fireplace, windows, siding, weeping tile, etc.) \$134,800. 436-6513.

CHARMING CHARACTER TWO STOREY - sunny front porch, restored hardwood, European kitchen, fireplace. Gorgeous yard, lovely garden area, double garage. For appointment call Mary-Anne Lee, Coldwell Banker/Panda Realty, 483-0601.

BELGRAVIA - JUST LISTED! Value Range Marketing \$190,000-\$230,000. "As new" spectacular modern design and exceptional quality. Superior location and landscaping. Just bring your artwork and enjoy! Carolyn Ampleford, Prudential Spencer Real Estate, 483-7170.

CLARIDGE HOUSE, TWO BEDROOM, 1,450' condo, two baths, two underground parking. Two blocks from campus. Beautiful condition, amenities, pool, etc. No agents. 432-7985.

WHITEMUD HILLS - executive home, splendid city view from master bedroom, kitchen, family room, deck, three bedrooms plus den, 2 1/2 baths, double garage, 1,900', finished basement with office, sewing room, large walk-in closet. Three years old. \$199,900. 437-1041.

HASTINGS LAKE - two bedroom bungalow. Fully serviced on half acre natural lakefront. By owner. \$89,500. 662-4217 (local).

GRACIOUS PARKALLEN home, large, bright, professionally decorated and landscaped. Features hardwood, high ceilings, 2 1/2 baths, renovations throughout, single garage, in-law suite, 1,650', 1 1/2 storey. \$168,900. Phone: 436-4616. Open House Saturday, May 31, and Sunday, June 1. 1-4 p.m. 10950 - 65 Avenue.

LANDSLOWNE, \$159,000. Four bedrooms, newer carpet, updated island kitchen, large deck, double garage, all appliances. Great neighbourhood, close to schools, ravine, University. Liz Crockford, Re/Max, 438-7000, 435-5092, residence.

RIVERBEND BUNGALOW, 1,700 square feet, architecturally designed; extra quality throughout, main floor family room; fireplace; beautifully decorated in neutral tones on both levels. Nice bright study with bookcases; super landscaping, direct bus to University. Liz Crockford, Re/Max, 438-7000.

### ACCOMMODATIONS WANTED

HOUSESITTER: Mature, non-smoking grad, pets welcome, housesitting references, Letter of Agreement, Mark, 455-4351.

YOUNG PROFESSIONAL COUPLE seeks house/condo near UofA for rent or housesitting. 864-242-3667.

HOUSESITTER - quiet, mature, nonsmoking professional lady. Excellent references. Leave message, 917-3227.

SEEKING CONDO/HOUSE for rent near UofA. 433-4277.

### GOODS FOR SALE

CASH PAID for quality books. The Edmonton Book Store, 433-1781.

### SERVICES

TECH VERBATIM - Desktop documents - editing, theses, CVs, medical terminology, on campus. Donna, 440-3714.

HOME CLEANING - Hardworking, bonded staff. Reasonable rates. Able Maids, 433-9697.

DAVID RICHARDS CARPENTRY - Certified journeyman NAIT. Complete interior/exterior residential, commercial renovations including plumbing/electrical. No job too big/small. References available. 436-6363.

DESKTOP PUBLISHING - Word processing, editing, layout, equations, on campus. Nola, 435-2427.

DOG GROOMING BY SIMONE. Compassionate grooming by certified groomer. Top quality work done in my home. By appointment only. Please call anytime for more information, 910-6252. Southside Edmonton.

RESIDENTIAL CONTRACTORS, additions, renovations, new homes. Innovation Plus Developments Limited, 434-0923.

### MISCELLANEOUS

POTTERY SALE by Helena Horak and Yasmine Butler. Handmade and handpainted brightly colored majolica pottery, some stoneware and raku pottery. June 7, 11 a.m.-8 p.m. 7111 Saskatchewan Drive. Light refreshments; all welcome.

FULL-TIME LAB TECHNICIAN/INSTRUCTOR for organic and general chemistry. BSc. Available for evening labs. Apply by June 9, 1997 to Human Resources Officer, Concordia University College, 7128 Ada Boulevard, Edmonton, AB T5B 4E4.



# Latimer case inspires student to write "Returned to Sender"

Play opens June 12 in Bernard Snell Hall

by Deborah Johnston

Heidi Janz lives her life by what she can do, not by what she can't. She can't walk or move independently, but she can press the keys on a special computer in a small room at the back of her parents' home. It is here, surrounded by books, stacks of papers and countless framed photographs of smiling people—that Heidi does what she can do well: she writes.

When I first attempted to interview Heidi Janz over the telephone, I barely got past hello. This 30-year-old playwright has a master's degree in English—and cerebral palsy. The same muscle failure that disables her body also impedes her speech. I could not understand her.

We agreed to conduct the interview through e-mail. "It's kind of cool," she writes, "it gets that 'speech impairment thing' totally out of the way." And, over a two-day period, Heidi sent volumes of insight. Through 16 pages of e-mail, she revealed a deep intellect and unabashed honesty. This time, I understood every word.

Heidi composes her messages one key at a time. She says it can take up to four hours to type a single page, coaxing her often uncooperative hands to find each

key. It took two years, and the same exhausting process to write and re-write a 43-page play entitled *Returned to Sender*. The play previews June 12 in Bernard Snell Hall. It's about two teenagers who—like Heidi—are severely disabled by cerebral palsy.

Heidi says she was inspired to write the play after closely following the story of the Saskatchewan farmer, Robert Latimer, convicted in 1994 of murdering his daughter, Tracy. Tracy was extremely disabled by cerebral palsy. Like Heidi Janz, Tracy depended on her parents to look after her. Like Heidi, Tracy could not eat without extreme difficulty and often vomited her food. Tracy's death hit Heidi very close to home. "The comments [about Tracy] could have very well been said about the way my parents have to 'do things' for me."

"What angered me most was the wording," Heidi says of the media reports on the Latimer case, "Robert Latimer was not accused of killing his daughter, he was accused of killing his severely disabled daughter, as if Tracy's disability was automatically a mitigating circumstance in her being killed. So I wrote this play, in part, to try to counteract the general mindset of focusing on the disability rather than on the person."

Although Heidi's play is not about Tracy Latimer, it raises some of the same "quality of life" issues. The main character, Amanda, loses her life to her well-meaning father who wished to end his daughter's suffering once and for all.

The play rings eerily close to the Latimer case, but also to Heidi's own life experiences. She is "totally dependent on others for everything from dressing, to feeding, to going to the bathroom."

Heidi says as a child she regularly attended funerals for classmates. In the special school for children with disabilities, many were not expected to live. "There were times when I felt really guilty about being the one who would actually get to have a life beyond high school."

Her life beyond high school has been amazingly full. Heidi believes "you should do the most with what you've got, instead of wasting time whining about what you don't have." She has certainly not wasted any time: she earned a BA and MA in English, and is currently working



Heidi Janz

on her PhD. Her first play, *Crips Against the Law of Gravity*, was produced by Concrete Theatre for the 1994 Edmonton Fringe Theatre Festival. "I discovered early on that writing was one of the few things that I could do truly independently," she says. "It was also the one fool-proof way of ensuring that I could say what I wanted to say without any kind of mediation."

That mediation usually comes through Heidi's mother, Emma. When the words come out impossibly unintelligible, her mother easily provides them.

## The woman who sustains her

Heidi's mother, Emma Janz, is 66 years old. "I'm spending my life with her," she says with a soft German accent, "I just want to take care of her." She tends to all Heidi's needs—feeding, bathing, dressing her. It can't be easy: she is smaller than her daughter. On some level, Emma can understand the Latimer's torment in caring for their disabled child, as she recalls

her own. "When Heidi was little, people would say 'give her up, give her up.' I was crying all the time. Every mother wants a healthy child." (At this, she casts Heidi a sincerely apologetic look and reaches across to touch her arm). "Cerebral palsy. I didn't even know what that meant. What would life bring to her?"

"They told me she would never walk," she recalls, "and I've never seen any improvement [in her physical condition.] But they never told me this would happen," she declares triumphantly, gesturing around the room at the scores of books and articles lining the shelves, the photos of Heidi in graduation cap and gown. She shows me the 300-page novel Heidi has written. "She is so bright," she says, proud as any mother.

"My husband is 72, not a young age anymore. It's hard to lift Heidi. Sometimes my back hurts—but I would crawl on my hands and knees, I won't leave her alone. I can't imagine life without her," she says. "She is my best friend." ■



Heidi Janz at work

## Helping families bounce back

Innovative on-line course speeds transfer of research knowledge

By Lee Elliott

One in four children in the City of Edmonton under the age of seven lives in poverty.

It's tragic and inexcusable. It's also costly, according to Dr. Jane Drummond, Faculty of Nursing. "Research shows these are the kids who go on to cost money—not just health dollars, but education, social services and justice dollars."

Drummond, along with Dr. Jane Alexander, Dr. Linda McDonald, Educational Psychology and Dr. Gerard Kysela, Faculty of Education are jointly testing treatment strategies with the families of children experiencing delays in social, mental or physical development in The Child and Family Resiliency Research Program.

"In the good old days, we used to be child focused," says Drummond. "As the years have gone by, we have become more family oriented. Family is the context of the child's life."

Just helping family members become more assertive or showing them how to get services like those offered by food

banks helps children enormously, she says.

Therapists like graduate student Treva Lunan work with parents in the home, building on their strengths. "I think that's what's really good about it, it reinforces the natural kinds of things you do," she says. Lunan says she helps parents learn positive reinforcement techniques and ways of achieving perspective on a problem. She also models different behavior. "Often parents don't get down to the children's level," she says. "They'll see things work well between me and the children so they'll try it."

The children in their study groups were all delayed at least six months in at least two areas of development, usually language or social. Their lives contained at least two risk factors, always poverty and generally English as a second language or single parents.



Dr. Jane Drummond

"We have found that the interventions helped the families that were in the treatment group hold their own over the first six months," says Drummond. The control families fared less well. "If you're looking for wild wonderful things, it's just not there," she says. However, preventing problems from becoming worse is important. The groups will be reevaluated at 12 and 21 months. "I think that these families will continue to hold their own," says Drummond, "while the others will become more disordered."

As quickly as the researchers acquire information, they want to share it with students and with professionals in the field. To do that, they've brought on yet another partner, the Faculty of Extension, to offer an on-line credit course. Students from across Alberta have already registered for the six-week summer session and

will be learning from three professors, a teaching assistant and each other. The course has a strong mentorship component helped by the network of partners in the project. Partners include the U of C rehabilitation program, Red Deer College, The Family Centre, CASA, Bretton and Buck Creek Brighter Futures project, ABC Head Start and CONNECT (Children's Services for Deaf Children.) Students will receive part of their mark for participation in the chat group. "It will be more interactive as it develops," says Drummond. She hopes the course will soon include case studies and video conferencing. The course will also be offered in the fall.

The on-line course is made possible through a \$100,000 Province of Alberta Learning Enhancement Grant. The Child and Family Resiliency Research Programme is located in the Centre for Research in Applied Measurement and Evaluation (C.R.A.M.E.) in the Faculty of Education at the U of A. ■